

December 16, 2004

## INITIAL STUDY FORM

1. Project Number(s)/Environmental Log Number/Title:

P02-002, Log No. 02-08-001; Centro Cristiano Church

2. Description of Project:

The project proposes a religious assembly use consisting of a 5,040 square-foot sanctuary building, a 6,440 square-foot fellowship hall and Sunday school building, 72 parking spaces including 4 handicap spaces, 16 bicycle slots, and assorted landscape improvements on a 3.95-acre lot. The single-story sanctuary building will include an assembly area, office, infant/toddler room, restroom facilities, and a main meeting room with a stage. The building will measure 26.5 feet tall with a 46-foot tall steeple. The fellowship hall and Sunday school building will be two-stories tall, and will include an open assembly area with portable room dividers for three classrooms, a kitchen, restrooms, and will measure 27 feet tall to the top of the roof. Grading will total 12,200 cubic yards of cut and 2,725 cubic yards of fill with a maximum cut slope ratio of 1.5:1 and maximum fill slope ratio of 2:1 with 9,475 cubic yards of exported soil. The project site is located on the northwest corner of Calavo Drive and Deodar Road in the North County Metro Community Planning Area within an unincorporated portion of San Diego County. All parcels will be on septic. The entire project will be served by the following districts: Vista Irrigation District, San Marcos Fire Protection District, and Escondido Union School District.

3. Project Sponsor's Name and Address:

Don Sprankles  
Engineering Design Group  
2121 Montiel Rd.  
San Marcos, CA 92069

## 4. Project Location:

The project is located at the northwest corner of Calavo Drive and Deodar Road in the North County Metro Community Planning area within the County of San Diego, APN 228-110-05.

Thomas Brothers Coordinates: Page 1129, Grid E/1

## 5. Surrounding Land Uses and Environmental Setting:

The surrounding area can be characterized as rural residential consisting of single-family dwellings on large lots along with scattered agricultural uses. A new single-family subdivision on smaller lots is currently being constructed southwest of the site on Deodar Road. Land uses immediately adjacent the subject lot includes single-family dwellings to the south, east and west and an avocado grove to the north. The subject property is vacant with the exception of large pines and pepper trees in the southeasterly corner of the site. Historically, the site has been terraced and used for agricultural uses.

- |    |                          |  |
|----|--------------------------|--|
| 6. | General Plan Designation | (1)                                      |
|    | Community Plan:          | North County Metro                       |
|    | Land Use Designation:    | CUDA, Current Urban Development Area     |
|    | Density:                 | 1 du/1, 2, or 4 acres depending on slope |

- |    |                          |                        |
|----|--------------------------|------------------------|
| 7. | Zoning                   |                        |
|    | Use Regulation:          | RR1- Rural Residential |
|    | Density:                 | 1 du/1 acre(s)         |
|    | Special Area Regulation: | None                   |

8. Environmental resources either significantly affected or significantly affected but avoidable as detailed on the following attached "Environmental Analysis Form".

Transportation/Circulation  
Paleontological Resources  
Noise

## 9. Lead Agency Name and Address:

County of San Diego, Department of Planning and Land Use  
5201 Ruffin Road, Suite B MS O650  
San Diego, California 92123-1666

## 10. Lead Agency Contact and Phone Number:

- a. Contact David Sibbet, Planner
- b. Phone number: (858) 694-3680
- c. E-mail: david.sibbet@sdcounty.ca.gov.

11. Anticipated discretionary actions and the public agencies whose discretionary approval is necessary to implement the proposed:

Permit Type/ActionAgency

Major Use Permit  
Grading Permit

County of San Diego  
County of San Diego

12. State agencies (not included in #11) that have jurisdiction by law over natural resources affected by the project:

California Department of Fish and Game

13. Participants in the preparation of this Initial Study:

David Sibbet, DPLU Project Manager, (858) 694-3680  
Emery McCaffery, DPLU Environmental Planner, (858) 694-3704  
Lee Shick, DPW Project Manager, (858) 694-3235  
Greg Carlton, DPW Resource Staff, (858) 694-5495

14. Initial Study Determination:

On the basis of this Initial Study, the Department of Planning and Land Use believes that there is no evidence in the record that the proposed project may have a potentially significant effect on the environment. A NEGATIVE DECLARATION will be prepared.

**ENVIRONMENTAL FACTORS POTENTIALLY AFFECTED:** The environmental factors checked below would be potentially affected by this project, involving at least one impact that is a "Potentially Significant Impact" as indicated by the checklist on the following pages.

- |  |   |   |
|--|---|---|
| <input type="checkbox"/> <a href="#">Aesthetics</a>                      | <input type="checkbox"/> <a href="#">Agriculture Resources</a>              | <input type="checkbox"/> <a href="#">Air Quality</a>              |
| <input type="checkbox"/> <a href="#">Biological Resources</a>            | <input type="checkbox"/> <a href="#">Cultural Resources</a>                 | <input type="checkbox"/> <a href="#">Geology &amp; Soils</a>      |
| <input type="checkbox"/> <a href="#">Hazards &amp; Haz. Materials</a>    | <input type="checkbox"/> <a href="#">Hydrology &amp; Water Quality</a>      | <input type="checkbox"/> <a href="#">Land Use &amp; Planning</a>  |
| <input type="checkbox"/> <a href="#">Mineral Resources</a>               | <input type="checkbox"/> <a href="#">Noise</a>                              | <input type="checkbox"/> <a href="#">Population &amp; Housing</a> |
| <input type="checkbox"/> <a href="#">Public Services</a>                 | <input type="checkbox"/> <a href="#">Recreation</a>                         | <input type="checkbox"/> <a href="#">Transportation/Traffic</a>   |
| <input type="checkbox"/> <a href="#">Utilities &amp; Service Systems</a> | <input type="checkbox"/> <a href="#">Mandatory Findings of Significance</a> |   |

**DETERMINATION:** (To be completed by the Lead Agency)

On the basis of this initial evaluation:

- ☒ On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DECLARATION will be prepared.
- ☐ On the basis of this Initial Study, the Department of Planning and Land Use finds that although the proposed project could have a significant effect on the environment, there will not be a significant effect in this case because revisions in the project have been made by or agreed to by the project proponent. A MITIGATED NEGATIVE DECLARATION will be prepared.
- ☐ On the basis of this Initial Study, the Department of Planning and Land Use finds that the proposed project MAY have a significant effect on the environment, and an ENVIRONMENTAL IMPACT REPORT is required.

July 2, 2004

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Signature  
Emery McCaffery

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Date

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Printed Name

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Land Use/Environmental Planner  
Title

**INSTRUCTIONS ON EVALUATION OF ENVIRONMENTAL IMPACTS**

1. A brief explanation is required for all answers except “No Impact” answers that are adequately supported by the information sources a lead agency cites in the parentheses following each question. A “No Impact” answer is adequately supported if the referenced information sources show that the impact simply does not apply to projects like the one involved (e.g., the project falls outside a fault rupture zone). A “No Impact” answer should be explained where it is based on project-specific factors as well as general standards (e.g., the project will not expose sensitive receptors to pollutants, based on a project-specific screening analysis).
2. All answers must take account of the whole action involved, including off-site as well as on-site, cumulative as well as project-level, indirect as well as direct, and construction as well as operational impacts.
3. Once the lead agency has determined that a particular physical impact may occur, then the checklist answers must indicate whether the impact is potentially significant, less than significant with mitigation, or less than significant. “Potentially Significant Impact” is appropriate if there is substantial evidence that an effect may be significant. If there are one or more “Potentially Significant Impact” entries when the determination is made, an EIR is required.
4. “Less Than Significant With Mitigation Incorporated” applies where the incorporation of mitigation measures has reduced an effect from “Potentially Significant Impact” to a “Less Than Significant Impact.” The lead agency must describe the mitigation measures, and briefly explain how they reduce the effect to a less than significant level.
5. Earlier analyses may be used where, pursuant to the tiering, program EIR, or other CEQA process, an effect has been adequately analyzed in an earlier EIR or negative declaration. Section 15063(c)(3)(D). In this case, a brief discussion should identify the following:
  - a) Earlier Analysis Used. Identify and state where they are available for review.
  - b) Impacts Adequately Addressed. Identify which effects from the above checklist were within the scope of and adequately analyzed in an earlier document pursuant to applicable legal standards, and state whether such effects were addressed by mitigation measures based on the earlier analysis.
  - c) Mitigation Measures. For effects that are “Less than Significant with Mitigation Incorporated,” describe the mitigation measures that were incorporated or refined from the earlier document and the extent to which they address site-specific conditions for the project.
6. Lead agencies are encouraged to incorporate into the checklist references to information sources for potential impacts (e.g., general plans, zoning ordinances). Reference to a previously prepared or outside document should, where appropriate, include a reference to the page or pages where the statement is substantiated.
7. The explanation of each issue should identify:
  - a) The significance criteria or threshold, if any, used to evaluate each question; and
  - b) The mitigation measure identified, if any, to reduce the impact to less than significance

**I. AESTHETICS** -- Would the project:

a) Have a substantial adverse effect on a scenic vista?

☐ Potentially Significant Impact☐ Less than Significant Impact☐ Potentially Significant Unless Mitigation Incorporated☒ No Impact

Discussion/Explanation:

**No Impact:** Scenic vistas are singular vantage points that offer unobstructed views of valued viewsheds, including areas designated as official scenic vistas along major highways or County designated visual resources. Based on a site visit completed by David Sibbet in December of 2002, the proposed church project is not located near or visible from a scenic vista and will not change the composition of an existing scenic vista. The project site is located just east of Interstate 15 on a Hillside, but this portion of Interstate 15 is not designated as a scenic vista. Therefore, the proposed project will not have any substantial adverse effect on a scenic vista.

b) Substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

☐ Potentially Significant Impact☐ Less than Significant Impact☐ Potentially Significant Unless Mitigation Incorporated☒ No Impact

Discussion/Explanation:

**No Impact:** State scenic highways refer to those highways that are officially designated. A scenic highway is officially designated as a State scenic highway when the local jurisdiction adopts a scenic corridor protection program, applies to the California Department of Transportation for scenic highway approval, and receives notification from Caltrans that the highway has been designated as an official Scenic Highway. Based on a site visit completed by David Sibbet in December of 2002, the proposed church project is not located near or visible within the same composite viewshed as a State scenic highway and will not change the visual composition of an existing scenic resource within a State scenic highway. Generally, the area defined within a State scenic highway is the land adjacent to and visible from the vehicular right-of-way. The dimension of a scenic highway is usually identified using a motorist's line of vision, but a reasonable boundary is selected when the view extends to the distant horizon. The project site is located just east of Interstate 15 on a Hillside, but this portion of Interstate 15 is not designated as a scenic vista. Therefore, the proposed project will not have any substantial adverse effect on a scenic resource within a State scenic highway.

- c) Substantially degrade the existing visual character or quality of the site and its surroundings?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** Visual character is the objective composition of the visible landscape within a viewshed. Visual character is based on the organization of the pattern elements line, form, color, and texture. Visual character is commonly discussed in terms of dominance, scale, diversity and continuity. Visual quality is the viewer's perception of the visual environment and varies based on exposure, sensitivity and expectation of the viewers. The existing visual character and quality of the project site and surrounding can be characterized as rural and hilly.

The proposed project is small church that will be built into the hillside. The project is compatible with the existing visual environment's visual character and quality for the following reasons: There is a vast distance between the site and Interstate 15, the site will be screened properly with heavy landscaping, the area is already heavily landscaped, the site is surrounded by residential development that also helps screen the property, and the buildings are properly scaled to not stand out as unique construction in the area.

The project will not result in cumulative impacts on visual character or quality because the entire existing viewshed and a list of past, present and future projects within that viewshed were evaluated. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. Those projects listed in Section XVII are located within the viewshed surrounding the project and will not contribute to a cumulative impact for the following reasons: There are no other churches in the immediate area, there are no other visually disruptive projects in the immediate area, and there is no other proposed visually disruptive projects in the immediate area. Therefore, the project will not result in any adverse project or cumulative level effect on visual character or quality on-site or in the surrounding area.

- d) Create a new source of substantial light or glare, which would adversely affect day or nighttime views in the area?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The proposed project will use outdoor lighting and is located within Zone B as identified by the San Diego County Light Pollution Code, approximately 21 miles from the Palomar Observatory. However, it will not adversely affect nighttime views or astronomical observations, because the project will conform to the Light Pollution Code (Section 59.101-59.115), including the low-pressure sodium lamp types and shielding requirements per fixture and hours of operation limitations for outdoor lighting and searchlights.

In addition, the proposed project will control outdoor lighting and sources of glare in the following ways:

1. The project will not install outdoor lighting that directly illuminates neighboring properties.
2. The project will not install outdoor lighting that would cast a direct beam angle towards a potential observer, such as a motorists, cyclist or pedestrian.
3. The project will not install outdoor lighting for vertical surfaces such as buildings, landscaping, or signs in a manner that would result in useful light or spill light being cast beyond the boundaries of intended area to be lit.
4. The project will not install any highly reflective surfaces such as glare-producing glass or high-gloss surface color that will be visible along roadways, pedestrian walkways, or in the line of sight of adjacent properties.

The project will not contribute to significant cumulative impacts on day or nighttime views because the project conforms to the Light Pollution Code. The Code was developed by the San Diego County Department of Planning and Land Use and Department of Public Works in cooperation with lighting engineers, astronomers, land use planners from San Diego Gas and Electric, Palomar and Mount Laguna observatories, and local community planning and sponsor groups to effectively address and minimize the impact of new sources light pollution on nighttime views. The standards in the Code are the result of this collaborative effort and establish an acceptable level for new lighting. Compliance with the Code is required prior to issuance of any building permit for any project. Mandatory compliance for all new building permits ensures that this project in combination with all past, present and future projects will not contribute to a cumulatively considerable impact. Moreover, the project's additional outdoor lighting and glare is controlled and limits light pollution to the project site or directly around the light source and will not contribute to a cumulative impact. Therefore, compliance with the Code, in combination with the outdoor lighting and glare controls listed above ensure that the project will not create a significant new source of substantial light or glare, which would adversely affect daytime or nighttime views in the area, on a project or cumulative level.



**II. AGRICULTURE RESOURCES** -- In determining whether impacts to agricultural resources are significant environmental effects, lead agencies may refer to the California Agricultural Land Evaluation and Site Assessment Model (1997) prepared by the California Department of Conservation as an optional model to use in assessing impacts on agriculture and farmland. Would the project:

- a) Convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance Farmland), as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site and adjacent parcels do not contain any lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program. In addition, the proposed project site does not support prime agricultural soils, as identified on the soils map for the Conservation Element of the San Diego County General Plan. Therefore, this project will not convert Prime Farmland, Unique Farmland, or Farmland of Statewide Importance Farmland, as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency, to non-agricultural use.

- b) Conflict with existing zoning for agricultural use, or a Williamson Act contract?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site is zoned RR1 (Rural Residential), which is not considered to be an agricultural zone. Additionally, the project site's land is not under a Williamson Act Contract. Therefore, the project does not conflict with existing zoning for agricultural use, or a Williamson Act Contract.

- c) Involve other changes in the existing environment, which, due to their location or nature, could result in conversion of Farmland, to non-agricultural use?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The project site and adjacent parcels do not contain any lands designated as Prime Farmland, Unique Farmland, or Farmland of Statewide Importance as shown on the maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency. Therefore, no Prime Farmland, Unique Farmland, or Farmland of Statewide will be converted to a non-agricultural use.

**III. AIR QUALITY** -- Where available, the significance criteria established by the applicable air quality management or air pollution control district may be relied upon to make the following determinations. Would the project:

- a) Conflict with or obstruct implementation of the San Diego Regional Air Quality Strategy (RAQS) or applicable portions of the State Implementation Plan (SIP)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The project proposes development that was anticipated in SANDAG growth projections used in development of the RAQS and SIP. Operation of the project will not result in emissions of significant quantities of criteria pollutants listed in the California Ambient Air Quality Standards or toxic air contaminants as identified by the California Air Resources Board. As such, the proposed project is not expected to conflict with either the RAQS or the SIP. In addition, the project is consistent the SANDAG growth projections used in the RAQS and SIP, therefore, the project will not contribute to a cumulatively considerable impact.

- b) Violate any air quality standard or contribute substantially to an existing or projected air quality violation?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

In general, air quality impacts from land use projects are the result of emissions from motor vehicles, and from short-term construction activities associated with such projects. The San Diego County Air Pollution Control District (SDAPCD) has established screening-level criteria for all new source review (NSR) in APCD Rule 20.2. For CEQA purposes, these screening-level criteria can be used as numeric methods to demonstrate that a project's total emissions (e.g. stationary and fugitive emissions, as well as emissions from mobile sources) would not result in a significant impact to air

quality. Since APCD does not have screening-level criteria for emissions of volatile organic compounds (VOCs), the use of the screening level for reactive organic compounds (ROC) from the CEQA Air Quality Handbook for the South Coast Air Basin (SCAB), which has stricter standards for emissions of ROCs/VOCs than San Diego's, is appropriate. However, the eastern portions of the county have atmospheric conditions that are characteristic of the Southeast Desert Air Basin (SEDAB). SEDAB is not classified as an extreme non-attainment area for ozone and therefore has a less restrictive screening-level. Projects located in the eastern portions of the County can use the SEDAB screening-level threshold for VOCs.

**Less Than Significant Impact:** The project proposes a religious assembly. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in pollutant emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA Air Quality Handbook Section 6.2 and 6.3. In addition, the vehicle trips generated from the project will result in 45 Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA Air Quality Handbook section 6.2 and 6.3 for criteria pollutants. As such, the project will not violate any air quality standard or contribute substantially to an existing or projected air quality violation.

- c) Result in a cumulatively considerable net increase of any criteria pollutant for which the project region is non-attainment under an applicable federal or state ambient air quality standard (including releasing emissions which exceed quantitative thresholds for ozone precursors)?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

San Diego County is presently in non-attainment for the 1-hour concentrations under the California Ambient Air Quality Standard (CAAQS) for Ozone ( $O_3$ ). San Diego County is also presently in non-attainment for the annual geometric mean and for the 24-hour concentrations of Particulate Matter less than or equal to 10 microns ( $PM_{10}$ ) under the CAAQS.  $O_3$  is formed when volatile organic compounds (VOCs) and nitrogen oxides ( $NO_x$ ) react in the presence of sunlight. VOC sources include any source that burns fuels (e.g., gasoline, natural gas, wood, oil); solvents; petroleum processing and storage; and pesticides. Sources of  $PM_{10}$  in both urban and rural areas include: motor vehicles, wood burning stoves and fireplaces, dust from construction, landfills, agriculture, wildfires, brush/waste burning, and industrial sources of windblown dust from open lands.

**Less Than Significant Impact:** Air quality emissions associated with the project include emissions of PM<sub>10</sub>, NO<sub>x</sub> and VOCs from construction/grading activities, as well as VOCs as the result of increase of traffic from operations at the facility. However, grading operations associated with the construction of the project would be subject to County of San Diego Grading Ordinance, which requires the implementation of dust control measures. Emissions from the construction phase would be minimal and localized, resulting in PM<sub>10</sub> and VOC emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the South Coast Air Quality Management District (SCAQMD) CEQA air quality handbook Sections 6.2 and 6.3. The vehicle trips generated from the project will result in 45 Average Daily Trips (ADTs). According to the Bay Area Air Quality Management District CEQA Guidelines for Assessing the Air Quality Impacts of Projects and Plans, projects that generate less than 2,000 ADT are below the Screening-Level Criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook Sections 6.2 and 6.3 for VOCs and PM<sub>10</sub>.

In addition, a list of past, present and future projects within the surrounding area were evaluated and none of these projects emit significant amounts of criteria pollutants. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered. The proposed project as well as the past, present and future projects within the surrounding area, have emissions below the screening-level criteria established by SDAPCD Rule 20.2 and by the SCAQMD CEQA air quality handbook Sections 6.2 and 6.3, therefore, the construction and operational emissions associated with the proposed project are not expected to create a cumulatively considerable impact nor a considerable net increase of PM<sub>10</sub>, or any O<sub>3</sub> precursors.

d) Expose sensitive receptors to substantial pollutant concentrations?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

Air quality regulators typically define sensitive receptors as schools (Preschool-12<sup>th</sup> Grade), hospitals, resident care facilities, or day-care centers, or other facilities that may house individuals with health conditions that would be adversely impacted by changes in air quality.

**Less Than Significant Impact:** Based a site visit conducted by Shannon Doyle on February 8, 2002, no sensitive receptors have been identified within a quarter-mile (the radius determined by the SCAQMD in which the dilution of pollutants is typically significant) occur of the proposed project. Further, the proposed project will not generate significant levels of air pollutants. As such, the project will not expose sensitive populations to excessive levels of air pollutants.

e) Create objectionable odors affecting a substantial number of people?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** No potential sources of objectionable odors have been identified in association with the proposed project. As such, no impact from odors is anticipated.

**IV. BIOLOGICAL RESOURCES** -- Would the project:

a) Have a substantial adverse effect, either directly or through habitat modifications, on any species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** Based on an analysis of the County's Geographic Information System (GIS) records, the County's Comprehensive Matrix of Sensitive Species, site photos, a site visit by Shannon Doyle on February 8, 2002, and a Biological Resources Report dated February 21, 2003 prepared by R. Mitchel Beauchamp of Pacific Southwest Biological Services, Inc., the site and surrounding area supports native vegetation, namely, non-native grasslands. However, staff has determined that although the site supports native biological habitat, the removal of this habitat will not result in substantial adverse effects, either directly or through habitat modifications, to species identified as a candidate, sensitive, or special status species in local or regional plans, policies, or regulations, or by the California Department of Fish and Game or U.S. Fish and Wildlife Service for the following reasons: The vegetation on site consists of a mixture of about 0.97 acres of non-native grasses, and 2.83 acres of abandoned non-native tree stands. Furthermore, the loss of approximately 1.75 acres of non-native grassland habitat in a suburban context is not considered a significant, adverse environmental impact and no mitigation is required.

b) Have a substantial adverse effect on any riparian habitat or other sensitive natural community identified in local or regional plans, policies, regulations or by the California Department of Fish and Game or US Fish and Wildlife Service?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** Based on a site visit conducted by County staff, Shannon Doyle on February 8, 2002, and a review by staff biologist Lorrie Bradley on July 29, 2003 and as supported by the Biological Resources Report dated February 21, 2003 and prepared by R. Mitchel Beauchamp of Pacific Southwest Biological Services, Inc., it has been determined that the proposed project site does not contain any riparian habitats or other sensitive natural communities as defined by the County of San Diego Resource Protection Ordinance, Natural Community Conservation Plan, Fish and Game Code, Endangered Species Act, Clean Water Act, or any other local or regional plans, policies or regulations. In addition, no riparian or otherwise sensitive habitat has been identified within or adjacent to the area proposed for off-site impacts resulting from road improvements, utility extensions, etc. Therefore, the project is not expected to have direct or indirect impacts from development on any riparian habitat or other sensitive natural community.

- c) Have a substantial adverse effect on federally protected wetlands as defined by Section 404 of the Clean Water Act (including, but not limited to, marsh, vernal pool, coastal, etc.) through direct removal, filling, hydrological interruption, or other means?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

- ☐ Less than Significant Impact  
☒ No Impact

## Discussion/Explanation:

**No Impact:** Based on a site visit conducted by County staff, Shannon Doyle on February 8, 2002, and a review by staff biologist Lorrie Bradley on July 29, 2003 and as supported by the Biological Resources Report dated February 21, 2003 and prepared by R. Mitchel Beauchamp of Pacific Southwest Biological Services, Inc., it has been determined that the proposed project site does not contain any wetlands as defined by Section 404 of the Clean Water Act, including, but not limited to, marsh, vernal pool, stream, lake, river or water of the U.S., that could potentially be impacted through direct removal, filling, hydrological interruption, diversion or obstruction by the proposed development. Therefore, no impacts will occur to wetlands defined by Section 404 of the Clean Water Act in which the Army Corps of Engineers maintains jurisdiction over.

- d) Interfere substantially with the movement of any native resident or migratory fish or wildlife species or with established native resident or migratory wildlife corridors, or impede the use of native wildlife nursery sites?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

- ☒ Less than Significant Impact  
☐ No Impact

## Discussion/Explanation:

**Less than Significant Impact:** Based on an analysis of the County's Geographic Information System (GIS) records, the County's Comprehensive Matrix of Sensitive Species, site photos, a site visit conducted by County staff, Shannon Doyle on February 8, 2002, and a review by staff biologist Lorrie Bradley on July 29, 2003 and as supported by the Biological Resources Report dated February 21, 2003 and prepared by R. Mitchel Beauchamp of Pacific Southwest Biological Services, Inc., it has determined that the site has limited biological value and impedance of the movement of any native resident or migratory fish or wildlife species, the use of an established native resident or migratory wildlife corridors, and the use of native wildlife nursery sites would not be expected as a result of the proposed project for the following reasons: The vegetation on site consists of a mixture of about 0.97 acres of non-native grasses, and 2.83 acres of abandoned non-native tree stands. Furthermore, the loss of approximately 1.75 acres of non-native grassland habitat in a suburban context is not considered a significant, adverse environmental impact and no mitigation is required.

- e) Conflict with the provisions of any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan or any other local policies or ordinances that protect biological resources?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

- ☒ Less than Significant Impact  
☐ No Impact

## Discussion/Explanation:

**Less Than Significant Impact:** Refer to the attached Ordinance Compliance Checklist dated July 6, 2004 for further information on consistency with any adopted Habitat Conservation Plan, Natural Communities Conservation Plan, other approved local, regional or state habitat conservation plan, including, Habitat Management Plans (HMP) Special Area Management Plans (SAMP) or any other local policies or ordinances that protect biological resources including the Multiple Species Conservation Program (MSCP), Biological Mitigation Ordinance, Resource Protection Ordinance (RPO), Habitat Loss Permit (HLP).

**V. CULTURAL RESOURCES** -- Would the project:

- a) Cause a substantial adverse change in the significance of a historical resource as defined in 15064.5?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

- ☐ Less than Significant Impact  
☒ No Impact

## Discussion/Explanation:

**No Impact:** Based on an analysis of records of the property by a County of San Diego certified archaeologist Donna Beddow, on February 20, 2002, it has been determined that there are no impacts to historical resources because they do not occur within the project site.

- b) Cause a substantial adverse change in the significance of an archaeological resource pursuant to 15064.5?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

- ☐ Less than Significant Impact  
☒ No Impact

## Discussion/Explanation:

**No Impact:** Based on an analysis of County of San Diego archaeology resource files, archaeological records, maps, and aerial photographs by County of San Diego staff archaeologist, Donna Beddow on February 20, 2002, it has been determined that the project site does not contain any archaeological resources.

- c) Directly or indirectly destroy a unique paleontological resource or site or unique geologic feature?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

- ☒ Less than Significant Impact  
☐ No Impact

## Discussion/Explanation:

**Less Than Significant Impact:** A review of the paleontological maps provided by the San Diego Museum of Natural History, combined with available data on San Diego County's geologic formations indicates that the project is located on geological formations that have marginal resource potential. Marginal resource potential is assigned to geologic formations that are composed either of volcanic rocks or high-grade metasedimentary rocks, but which nevertheless have a limited probability for producing fossil remains from certain sedimentary lithologies at localized outcrops.

However, it has been determined the project will have less than significant impact on paleontological resources because the project will not result in the permanent loss of paleontological information, because the project will not exceed the following excavation guidelines that indicate when a paleontological resource may be significantly impacted for areas with marginal resource potential:



The total excavation associated with the project does not exceed 2,000 cubic yards and not any portion of such excavation exceeds 10 feet in depth into the geologic formation.

The minimum graded cut depth of 10 feet is the approximate depth at which bedrock is unweathered and the depth at which unique paleontological resources can typically begin to be found. The excavation volume of 2,000 is based on an excavation with 20-foot x 10-foot footprint and a 10-foot depth. The excavation volume of 2,000 cubic yards was designed to address the patchy nature of many fossil occurrences and the observation that fossil discoveries increase in frequency with increasing volume of excavation. The excavation guidelines are based on discussions with City and County of San Diego staff and professional opinions of paleontological experts from the San Diego Natural History Museum. Therefore, because the project will not exceed the excavation guidelines the project will not result in the permanent loss of significant paleontological information. Moreover, the project will not contribute to a cumulatively considerable loss of information, because all projects in the areas with marginal resource potential are required to have paleontological monitor during grading operations if these guidelines are exceeded.

Additionally, based on a site visit by David Sibbet in December of 2002, no known unique geologic features were identified on the property or in the immediate vicinity.

d) Disturb any human remains, including those interred outside of formal cemeteries?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

**No Impact:** Based on an analysis of County of San Diego archaeology resource files, archaeological records, maps, and aerial photographs by County of San Diego staff archaeologist, Donna Beddow on February 20, 2002, it has been determined that the project will not disturb any human remains because the project site does not include a formal cemetery or any archaeological resources that might contain interred human remains.

**VI. GEOLOGY AND SOILS** -- Would the project:

- a) Expose people or structures to potential substantial adverse effects, including the risk of loss, injury, or death involving:
- i. Rupture of a known earthquake fault, as delineated on the most recent Alquist-Priolo Earthquake Fault Zoning Map issued by the State Geologist for the area or based on other substantial evidence of a known fault?  
Refer to Division of Mines and Geology Special Publication 42.

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The project is not located in a fault rupture hazard zone identified by the Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997, Fault-Rupture Hazards Zones in California. Also, staff geologist Laura Maghsoudlou has reviewed the project and has concluded that no other substantial evidence of recent (Holocene) fault activity is present within the project site. Therefore, there will be no impact from the exposure of people or structures to adverse effects from a known hazard zone as a result of this project.

## ii. Strong seismic ground shaking?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The Uniform Building Code (UBC) and the California Building Code (CBC) classifies all San Diego County with the highest seismic zone criteria, Zone 4. However, the project is not located within 5 kilometers of the centerline of a known active-fault zone as defined within the Uniform Building Code's Maps of Known Active Fault Near-Source Zones in California. In addition, the project will have to conform to the Seismic Requirements -- Chapter 16 Section 162- *Earthquake Design* as outlined within the California Building Code. Section 162 requires a soils compaction report with proposed foundation recommendations to be approved by a County Structural Engineer before the issuance of a building or grading permit. Therefore, there will be no impact from the exposure of people or structures to potential adverse effects from strong seismic ground shaking as a result of this project.

## iii. Seismic-related ground failure, including liquefaction?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The geology of the project site is identified as Pre-Cretaceous Metasedimentary. This geologic environment is not susceptible to ground failure from seismic activity. In addition, the site is not underlain by poor artificial fill or located within

a floodplain. Therefore, there will be no impact from the exposure of people to adverse effects from a known area susceptible to ground failure.

iv. Landslides?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The site is not located within a landslide susceptibility zone. Also, staff geologist Laura Maghsoudlou has determined that the geologic environment of the project area is not located within an area of potential or pre-existing conditions that could become unstable in the event of seismic activity.

b) Result in substantial soil erosion or the loss of topsoil?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** According to the Soil Survey of San Diego County, the soils on-site are identified as Vista coarse sandy loam (VsE), Vista coarse sandy loam (VsD), and Cienaba rocky coarse sandy loam (CmE2) that has a soil erodibility rating of "moderate" and "severe" as indicated by the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973. However, the project will not result in substantial soil erosion or the loss of topsoil for the following reasons:

- The project will not result in unprotected erodible soils; will not alter existing drainage patterns; is not located in a floodplain, wetland, or significant drainage feature; and will not develop steep slopes.
- The project has prepared a Storm water Management Plan dated May 14, 2004, prepared by Steve Norris of Engineering Design Group. The plan includes the following Best Management Practices to ensure sediment does not erode from the project site:

Construction BMPs

Silt fence, silt rolls, street sweeping and vacuuming, storm drain inlet protection, stockpile management, solid waste management, stabilized construction entrance/exit, vehicle and equipment maintenance, gravel bag berm, sandbag barrier, material delivery and storage, spill prevention and control,

concrete waste management, water conservation practices, permanent revegetation of all disturbed uncovered areas, erosion control mats and spray-on applications.

#### Site Design BMPs

Increase rainfall infiltration, slope and channel protection, proper landscaping, riprap, planting of trees, rooftop runoff and gutter will be directed to pervious vegetated areas and cobble lined swales

#### Source Control BMPs

Stormwater Runoff Pollution Fact Sheet, Stormwater Runoff Pollution Prevention Tips for Homeowners, Stormwater Pollution Prevention Yardwork (Landscaping, Gardening, Pest Control), Stormwater Pollution Prevention Pet Waste, Stormwater BMP Swimming Pool and Spa Cleaning

#### Treatment Control BMPs

Grass/Rock lined channel infiltration BMPs, pervious concrete, Biofilters

- The project involves grading. However, the project is required to comply with the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING). Compliance with these regulations minimizes the potential for water and wind erosion.

Due to these factors, it has been found that the project will not result in substantial soil erosion or the loss of topsoil on a project level.

In addition, the project will not contribute to a cumulatively considerable impact because all the of past, present and future projects included on the list of projects that involve grading or land disturbance are required to follow the requirements of the San Diego County Code of Regulations, Title 8, Zoning and Land Use Regulations, Division 7, Sections 87.414 (DRAINAGE - EROSION PREVENTION) and 87.417 (PLANTING); Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); and County Storm Water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

- c) Will the project produce unstable geological conditions that will result in adverse impacts resulting from landslides, lateral spreading, subsidence, liquefaction or collapse?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

- ☒ Less than Significant Impact  
☐ No Impact

## Discussion/Explanation:

**Less Than Significant Impact:** The project will result in site disturbance and grading of 12,200 cubic yards of cut and 2,725 cubic yards of fill with a maximum cut slope ratio of 1.5:1 and maximum fill slope ratio of 2:1 with 9,475 cubic yards of exported soil. However, the project will not result in unstable geological conditions because the project has been reviewed by County staff geologist Laura Maghsoudlou and has determined that no unstable geological conditions, either on-site or off-site will result from the action. The proposed project is consistent with the geological formations underlying the site. For further information refer to VI Geology and Soils, Question a., i-iv listed above.

- d) Be located on expansive soil, as defined in Table 18-1-B of the Uniform Building Code (1994), creating substantial risks to life or property?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The project does not contain expansive soils as defined by Table 18-I-B of the Uniform Building Code (1994). The soils on-site are Vista coarse sandy loam (VsE), Vista coarse sandy loam (VsD), and Cienaba rocky coarse sandy loam (CmE2). These soils have a shrink-swell behavior of low and represent no substantial risks to life or property. Therefore, the project will not create a substantial risk to life or property. This was confirmed by staff review of the Soil Survey for the San Diego Area, prepared by the US Department of Agriculture, Soil Conservation and Forest Service dated December 1973.

- e) Have soils incapable of adequately supporting the use of septic tanks or alternative wastewater disposal systems where sewers are not available for the disposal of wastewater?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves a standard septic tank with a 2,500-gallon capacity. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to

authorize a local public agency to issue permits for OSWS "to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained." The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division's, "On-site Wastewater Systems: Permitting Process and Design Criteria." DEH approved the project's OSWS on December 3, 2004. Therefore, the project has soils capable of adequately supporting the use of septic tanks or alternative wastewater disposal systems as determined by the authorized, local public agency. In addition, the project will comply with the San Diego County Code of Regulatory Ordinances, Title 6, Div. 8, Chap. 3, Septic Tanks and Seepage Pits.

**VII. HAZARDS AND HAZARDOUS MATERIALS** -- Would the project:

- a) Create a significant hazard to the public or the environment through the routine transport, storage, use, or disposal of hazardous materials or wastes?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless  
Mitigation Incorporation

☒ No Impact

Discussion/Explanation:

**No Impact:** The project will not create a significant hazard to the public or the environment because it does not propose the storage, use, transport, emission, or disposal of Hazardous Substances, nor are Hazardous Substances proposed or currently in use in the immediate vicinity.

- b) Create a significant hazard to the public or the environment through reasonably foreseeable upset and accident conditions involving the release of hazardous materials into the environment?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless  
Mitigation Incorporated

☒ No Impact

Discussion/Explanation:

**No Impact:** The project will not contain, handle, or store any potential sources of chemicals or compounds that would present a significant risk of accidental explosion or release of hazardous substances.

- c) Emit hazardous emissions or handle hazardous or acutely hazardous materials, substances, or waste within one-quarter mile of an existing or proposed school?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The project is not located within one-quarter mile of an existing or proposed school. Therefore, the project will not have any effect on an existing or proposed school.

- d) Be located on a site which is included on a list of hazardous materials sites compiled pursuant to Government Code Section 65962.5 and, as a result, would it create a significant hazard to the public or the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The project is not located on a site listed in the State of California Hazardous Waste and Substances sites list compiled pursuant to Government Code Section 65962.5.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project result in a safety hazard for people residing or working in the project area?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports; or within two miles of a public airport. Also, the project does not propose construction of any structure equal to or greater than 150 feet in height, constituting a safety hazard to aircraft and/or operations from an airport or heliport. Therefore, the project will not constitute a safety hazard for people residing or working in the project area.

- f) For a project within the vicinity of a private airstrip, would the project result in a safety hazard for people residing or working in the project area?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless  
Mitigation Incorporated

- ☐ Less than Significant Impact  
☒ No Impact

Discussion/Explanation:

**No Impact:** The proposed project is not within one mile of a private airstrip. As a result, the project will not constitute a safety hazard for people residing or working in the project area.

- g) Impair implementation of or physically interfere with an adopted emergency response plan or emergency evacuation plan?

- ☐ Potentially Significant Impact  
☐ Potentially Significant Unless  
Mitigation Incorporated

- ☐ Less than Significant Impact  
☒ No Impact

Discussion/Explanation:

The following sections summarize the project's consistency with applicable emergency response plans or emergency evacuation plans.

i. OPERATIONAL AREA EMERGENCY PLAN:

**No Impact:** The Operational Area Emergency Plan is a framework document that provides direction to local jurisdictions to develop specific operational area of San Diego County. It provides guidance for emergency planning and requires subsequent plans to be established by each jurisdiction that has responsibilities in a disaster situation. The project will not interfere with this plan because it will not prohibit subsequent plans from being established.

ii. SAN DIEGO COUNTY NUCLEAR POWER STATION EMERGENCY RESPONSE PLAN

**No Impact:** The San Diego County Nuclear Power Station Emergency Response Plan will not be interfered with by the project due to the location of the project, plant and the specific requirements of the plan. The emergency plan for the San Onofre Nuclear Generating Station includes an emergency planning zone within a 10-mile radius. All land area within 10 miles of the plant is not within the jurisdiction of the unincorporated County and as such a project in the unincorporated area is not expected to interfere with any response or evacuation.

iii. OIL SPILL CONTINGENCY ELEMENT

**No Impact:** The Oil Spill Contingency Element will not be interfered with because the project is not located along the coastal zone or coastline.



iv. EMERGENCY WATER CONTINGENCIES ANNEX AND ENERGY SHORTAGE RESPONSE PLAN

**No Impact:** The Emergency Water Contingencies Annex and Energy Shortage Response Plan will not be interfered with because the project does not propose altering major water or energy supply infrastructure, such as the California Aqueduct.

v. DAM EVACUATION PLAN

**No Impact:** The Dam Evacuation Plan for will not be interfered with because the project is located outside a dam inundation zone.

- h) Expose people or structures to a significant risk of loss, injury or death involving wildland fires, including where wildlands are adjacent to urbanized areas or where residences are intermixed with wildlands?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project is adjacent to wildlands that have the potential to support wildland fires. However, the project will not expose people or structures to a significant risk of loss, injury or death involving wildland fires because the project will comply with the regulations relating to emergency access, water supply, and defensible space specified in the Consolidated Fire Code for the 17 Fire Protection Districts in San Diego County and Appendix II-A, as adopted and amended by the local fire protection district. Implementation of these fire safety standards will occur during the Tentative Map, Tentative Parcel Map, or building permit process. Also, a Fire Service Availability Letter and conditions, dated July 20, 2004, have been received from the San Marcos Fire Protection District. The conditions from the San Marcos Fire Protection District include: 1) provide fire hydrant on the east side of driveway that is closest to the building, 2) provide a minimum of 24-foot wide roads, 3) provide fire sprinklers if adequate fire flow cannot be provided, 4) fire sprinklers may be used in lieu of fire truck turn-around for fellowship hall, 5) fuel management plan is required with a 100-foot separation from vegetation to all structures. Therefore, based on the review of the project by County staff, through compliance with the Consolidated Fire Code and Appendix II-A and through compliance with the San Marcos Fire Protection District's conditions, it is not anticipated that the project will expose people or structures to a significant risk of loss, injury or death involving hazardous wildland fires. Moreover, the project will not contribute to a cumulatively considerable impact, because all past, present and future projects in the surrounding area required to comply with the Consolidated Fire Code and Appendix II-A.

- i) Expose people to significant risk of injury or death involving vectors, including mosquitoes, rats or flies?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project does not involve or support uses that allow water to stand for a period of 72 hours (3 days) or more (e.g. lagoons, agricultural irrigation ponds). Also, the project does not involve or support uses that will produce or collect animal waste, such as equestrian facilities, agricultural operations (chicken coops, dairies etc.), solid waste facility or other similar uses. Moreover, based on a site visit conducted by Shannon Doyle on February 8, 2002 there are none of these uses on adjacent properties. Therefore, the project will not expose people to significant risk of injury or death involving vectors.

**VIII. HYDROLOGY AND WATER QUALITY** -- Would the project:

a) Violate any waste discharge requirements?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes a religious assembly consisting of a sanctuary building, fellowship hall, and Sunday school building which requires NPDES General Permit for Discharge of Stormwater associated with Construction Activities. The project applicant has provided a copy of a Stormwater Management Plan which demonstrates that the project will comply with all requirements of the Watershed Protection Ordinance (WPO) and NPDES. The project site proposes and will be required to implement the following site design measures and/or source control BMPs and/or treatment control BMPs to reduce potential pollutants to the maximum extent practicable from entering storm water runoff:

Construction BMPs

Silt fence, silt rolls, street sweeping and vacuuming, storm drain inlet protection, stockpile management, solid waste management, stabilized construction entrance/exit, vehicle and equipment maintenance, gravel bag berm, sandbag barrier, material delivery and storage, spill prevention and control, concrete waste management, water conservation practices, permanent revegetation of all disturbed uncovered areas, erosion control mats and spray-on applications.

Site Design BMPs

Increase rainfall infiltration, slope and channel protection, proper landscaping, riprap, planting of trees, rooftop runoff and gutter will be directed to pervious vegetated areas and cobble lined swales.

Source Control BMPs

Stormwater Runoff Pollution Fact Sheet, Stormwater Runoff Pollution Prevention Tips for Homeowners, Stormwater Pollution Prevention Yardwork (Landscaping, Gardening, Pest Control), Stormwater Pollution Prevention Pet Waste, Stormwater BMP Swimming Pool and Spa Cleaning.

Treatment Control BMPs

Grass/Rock lined channel infiltration BMPs, pervious concrete, Biofilters.

These measures will enable the project to meet waste discharge requirements as required by the Land Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. 2001-01), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP).

Finally, the project's conformance to the waste discharge requirements listed above ensures the project will not create cumulatively considerable water quality impacts related to waste discharge because, through the permit, the project will conform to Countywide watershed standards in the JURMP and SUSMP, derived from State regulation to address human health and water quality concerns. Therefore, the project will not contribute to a cumulatively considerable impact to water quality from waste discharges.

- b) Is the project tributary to an already impaired water body, as listed on the Clean Water Act Section 303(d) list? If so, could the project result in an increase in any pollutant for which the water body is already impaired?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project lies in the San Marcos hydrologic subarea, within the Carlsbad hydrologic unit. According to the Clean Water Act Section 303(d) list, July 2003, portions of this watershed, along the coast of the Pacific Ocean at Buena Vista Lagoon, Escondido Creek, Loma Alta Slough, and San Marcos are impaired for coliform bacteria; Agua Hedionda Lagoon is impaired for coliform bacteria and sedimentation; Buena Vista Lagoon is impaired for coliform bacteria, nutrients, and sedimentation; Loma Alta Slough is impaired for eutrophication and coliform bacteria; San Elijo Lagoon is impaired for eutrophication, coliform bacteria and sedimentation.

Constituents of concern in the Carlsbad watershed include coliform bacteria, nutrients, sediment, trace metals, and toxics.

The project proposes the following activities that are associated with these pollutants: sediment discharge due to construction activities and post-construction areas left bare, nutrients from fertilizers, trash and debris deposited in drain inlets, hydrocarbons from paved areas, pesticides from landscaping and home use. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in any runoff to the maximum extent practicable so as not to increase the level of these pollutants in receiving waters:

#### Construction BMPs

Silt fence, silt rolls, street sweeping and vacuuming, storm drain inlet protection, stockpile management, solid waste management, stabilized construction entrance/exit, vehicle and equipment maintenance, gravel bag berm, sandbag barrier, material delivery and storage, spill prevention and control, concrete waste management, water conservation practices, permanent revegetation of all disturbed uncovered areas, erosion control mats and spray-on applications.

#### Site Design BMPs

Increase rainfall infiltration, slope and channel protection, proper landscaping, riprap, planting of trees, rooftop runoff and gutter will be directed to pervious vegetated areas and cobble lined swales.

#### Source Control BMPs

Stormwater Runoff Pollution Fact Sheet, Stormwater Runoff Pollution Prevention Tips for Homeowners, Stormwater Pollution Prevention Yardwork (Landscaping, Gardening, Pest Control), Stormwater Pollution Prevention Pet Waste, Stormwater BMP Swimming Pool and Spa Cleaning.

#### Treatment Control BMPs

Grass/Rock lined channel infiltration BMPs, pervious concrete, Biofilters.

The proposed BMPs are consistent with regional surface water and storm water planning and permitting process that has been established to improve the overall water quality in County watersheds. As a result the project will not contribute to a cumulative impact to an already impaired water body, as listed on the Clean Water Act Section 303(d). Regional surface water and storm water permitting regulation for County of San Diego, Incorporated Cities of San Diego County, and San Diego Unified Port District includes the following: Order 2001-01 (NPDES No. CAS 0108758), adopted by the San Diego Region RWQCB on February 21, 2001; County Watershed Protection, Storm Water Management, and Discharge Control Ordinance (WPO) (Ord. No. 9424); County Storm water Standards Manual adopted on February 20, 2002, and amended January 10, 2003 (Ordinance No. 9426). The stated purposes of these ordinances are to protect the health, safety and general welfare of the County of San Diego residents; to protect water resources and to improve water quality; to cause the use of

management practices by the County and its citizens that will reduce the adverse effects of polluted runoff discharges on waters of the state; to secure benefits from the use of storm water as a resource; and to ensure the County is compliant with applicable state and federal laws. Ordinance No. 9424 (WPO) has discharge prohibitions, and requirements that vary depending on type of land use activity and location in the County. Ordinance No. 9426 is Appendix A of Ordinance No. 9424 (WPO) and sets out in more detail, by project category, what Dischargers must do to comply with the Ordinance and to receive permits for projects and activities that are subject to the Ordinance. Collectively, these regulations establish standards for projects to follow which intend to improve water quality from headwaters to the deltas of each watershed in the County. Each project subject to WPO is required to prepare a Storm water Management Plan that details a project's pollutant discharge contribution to a given watershed and propose BMPs or design measures to mitigate any impacts that may occur in the watershed.

- c) Could the proposed project cause or contribute to an exceedance of applicable surface or groundwater receiving water quality objectives or degradation of beneficial uses?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The Regional Water Quality Control Board has designated water quality objectives for waters of the San Diego Region as outlined in Chapter 3 of the Water Quality Control Plan (Plan). The water quality objectives are necessary to protect the existing and potential beneficial uses of each hydrologic unit as described in Chapter 2 of the Plan.

The project lies in the San Marcos hydrologic subarea, within the Carlsbad hydrologic unit that has the following existing and potential beneficial uses for inland surface waters, coastal waters, reservoirs and lakes, and ground water: municipal and domestic supply; agricultural supply; industrial service supply; hydropower generation; contact water recreation; non-contact water recreation; warm freshwater habitat; cold freshwater habitat; wildlife habitat; commercial and sport fishing; aquaculture; estuarine habitat; marine habitat; migration of aquatic organisms; shellfish harvesting; and, rare, threatened, or endangered species habitat.

- d) Substantially deplete groundwater supplies or interfere substantially with groundwater recharge such that there would be a net deficit in aquifer volume or a lowering of the local groundwater table level (e.g., the production rate of pre-existing nearby wells would drop to a level which would not support existing land uses or planned uses for which permits have been granted)?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The project will obtain its water supply from the Vista Irrigation District that obtains water from surface reservoirs or other imported water source. The project will not use any groundwater for any purpose, including irrigation, domestic or commercial demands. In addition, the project does not involve operations that would interfere substantially with groundwater recharge including, but not limited to the following: the project does not involve regional diversion of water to another groundwater basin; or diversion or channelization of a stream course or waterway with impervious layers, such as concrete lining or culverts, for substantial distances (e.g. ¼ mile). These activities and operations can substantially affect rates of groundwater recharge. Therefore, no impact to groundwater resources is anticipated.

- e) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The project proposes a religious assembly center. As outlined in the Storm water Management Plan (SWMP) dated May 2004 and prepared by Engineering Design Group, the project will implement site design measures, source control, and treatment control BMPs to reduce potential pollutants, including sediment from erosion or siltation, to the maximum extent practicable from entering storm water runoff. These measures will control erosion and sedimentation and satisfy waste discharge requirements as required by the Land Use Planning for New Development and Redevelopment Component of the San Diego Municipal Permit (SDRWQCB Order No. 2001-01), as implemented by the San Diego County Jurisdictional Urban Runoff Management Program (JURMP) and Standard Urban Storm Water Mitigation Plan (SUSMP). The SWMP specifies and describes the implementation process of all BMPs that will address equipment operation and materials management, prevent the erosion process from occurring, and prevent sedimentation in any onsite and downstream drainage swales. The Department of Public Works will ensure that the Plan is implemented as proposed. Due to these factors, it has been found that the project will not result in significantly increased erosion or sedimentation potential and will not alter any drainage patterns of the site or area on- or off-site. In addition, because erosion and sedimentation will be controlled within the boundaries of the project, the project will

not contribute to a cumulatively considerable impact. For further information on soil erosion refer to VI, Geology and Soils, Question b.

- f) Substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The proposed project will not significantly alter established drainage patterns or significantly increase the amount of runoff for the following reasons, based on a Drainage Study prepared by Engineering Design Group on March 26, 2004:

- a. Drainage will be conveyed to natural drainage channels and approved drainage facilities.
- b. The existing substandard 18-inch CMP beneath Calavo Drive will be upgraded to a 24-inch CMP to handle the portion of the project's drainage that flows to it. The basin consists of natural pervious ground and is essentially unchanged after development of the project. A "waiver and release" to accept drainage has been obtained from the receiving property owner.

Therefore, the project will not substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site. Moreover, the project will not contribute to a cumulatively considerable alteration or a drainage pattern or increase in the rate or amount of runoff, because the project will substantially increase water surface elevation or runoff exiting the site, as detailed above.

- g) Create or contribute runoff water which would exceed the capacity of existing or planned storm water drainage systems?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes to upgrade a currently substandard 18-inch CMP beneath Calavo Drive in order to convey existing drainage flows to that area. A "waiver and release" to accept drainage has been obtained from the receiving property owner. On-site containment and infiltration into below ground soils is proposed to mitigate increased runoff created by the development of this project. Increases of runoff will be detained on-site, thereby not increasing peak runoff to existing facilities. Runoff will sheet flow across pervious concrete parking lots to grated inlets and will be collected in area drain systems. Runoff will be carried via private storm drains to riprap energy dissipators, grass and/or cobble lined swales for on-site dissipation. Existing drainage systems (18-inch CMP) beneath Calavo Drive will be improved to adequately convey the existing and proposed runoff.

h) Provide substantial additional sources of polluted runoff?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes the following potential sources of polluted runoff: sediment discharge due to construction activities and post-construction areas left bare, nutrients from fertilizers, trash and debris deposited in drain inlets, hydrocarbons from paved areas, pesticides from landscaping and home use. However, the following site design measures and/or source control BMPs and/or treatment control BMPs will be employed such that potential pollutants will be reduced in runoff to the maximum extent practicable:

Construction BMPs

Silt fence, silt rolls, street sweeping and vacuuming, storm drain inlet protection, stockpile management, solid waste management, stabilized construction entrance/exit, vehicle and equipment maintenance, gravel bag berm, sandbag barrier, material delivery and storage, spill prevention and control, concrete waste management, water conservation practices, permanent revegetation of all disturbed uncovered areas, erosion control mats and spray-on applications.

Site Design BMPs

Increase rainfall infiltration, slope and channel protection, proper landscaping, riprap, planting of trees, rooftop runoff and gutter will be directed to pervious vegetated areas and cobble lined swales.

Source Control BMPs

Stormwater Runoff Pollution Fact Sheet, Stormwater Runoff Pollution Prevention Tips for Homeowners, Stormwater Pollution Prevention Yardwork (Landscaping, Gardening, Pest Control), Stormwater Pollution Prevention Pet Waste, Stormwater BMP Swimming Pool and Spa Cleaning.



Treatment Control BMPs

Grass/Rock lined channel infiltration BMPs, pervious concrete, Biofilters

Refer to VIII Hydrology and Water Quality Questions a, b, c, for further information.

- i) Place housing within a 100-year flood hazard area as mapped on a federal Flood Hazard Boundary or Flood Insurance Rate Map or other flood hazard delineation map, including County Floodplain Maps?

☐ Potentially Significant Impact☐ Less than Significant Impact☐ Potentially Significant Unless Mitigation Incorporated☒ No Impact

Discussion/Explanation:

**No Impact:** No FEMA mapped floodplains, County-mapped floodplains or drainages with a watershed greater than 25 acres were identified on the project site; therefore, no impact will occur.

- j) Place within a 100-year flood hazard area structures which would impede or redirect flood flows?

☐ Potentially Significant Impact☐ Less than Significant Impact☐ Potentially Significant Unless Mitigation Incorporated☒ No Impact

Discussion/Explanation:

**No Impact:** No 100-year flood hazard areas were identified on the project site; therefore, no impact will occur.

- k) Expose people or structures to a significant risk of loss, injury or death involving flooding, including flooding as a result of the failure of a levee or dam?

☐ Potentially Significant Impact☐ Less than Significant Impact☐ Potentially Significant Unless Mitigation Incorporated☒ No Impact

Discussion/Explanation:

**No Impact:** The project site lies outside any identified special flood hazard area including a mapped dam inundation area for a major dam/reservoir within San Diego County. In addition, the project is not located immediately downstream of a minor dam that could potentially flood the property. Therefore, the project will not expose people to a significant risk of loss, injury or death involving flooding.

## l) Inundation by seiche, tsunami, or mudflow?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

## i. SEICHE

**No Impact:** The project site is not located along the shoreline of a lake or reservoir; therefore, could not be inundated by a seiche.

## ii. TSUNAMI

**No Impact:** The project site is located more than a mile from the coast; therefore, in the event of a tsunami, would not be inundated.

## iii. MUDFLOW

**No Impact:** Mudflow is type of landslide. The site is not located within a landslide susceptibility zone. Also, staff geologist LAURA MAGHSOUDLOU has determined that the geologic environment of the project area is not located within an area of potential or pre-existing conditions that could become unstable in the event of seismic activity. In addition, the project does propose land disturbance that will expose soils and the project is not located downstream from exposed soils within a landslide susceptibility zone. Therefore, it is not anticipated that the project will expose people or property to inundation due to a mudflow.

**IX. LAND USE AND PLANNING** -- Would the project:

## a) Physically divide an established community?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The project proposes to introduce either new infrastructure such major roadways or water supply systems, or utilities to the area. However, the proposed project will not significantly disrupt or divide the established community for the following reasons: The physical arrangement of established development is one of rural uses and character, mostly hillside residential development. The proposed church fits into the scale of the existing development and topography. The proposed project will not require the introduction of new utilities to the area. Therefore, the project will not significantly disrupt or divide the established community.

- b) Conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the project (including, but not limited to the general plan, specific plan, local coastal program, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The proposed church project is subject to the Regional Land Use Element Policy 2.1 Urban Residential and General Plan Land Use Designation (1) Residential. The project is consistent with the General Plan because religious assembly uses are anticipated by the (1) Land Use Designation, which provides for low-density residential uses and minor agricultural uses. Civic uses, such as churches, may be consistent with the Urban Residential Land Use Designations if they tend to support the local population as stated in the policies of the North County Metropolitan Subregional Plan. The proposed project is consistent with the policies of the North County Metropolitan Subregional Plan. The property is zoned RR1 which permits Religious Assembly with the issuance of a Major Use Permit pursuant to the Zoning Ordinance Section 2185b; therefore, the proposed project is consistent with plan and zone.

**X. MINERAL RESOURCES** -- Would the project:

- a) Result in the loss of availability of a known mineral resource that would be of value to the region and the residents of the state?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** Although the project site has been classified by the California Department of Conservation – Division of Mines and Geology (Update of Mineral Land Classification: Aggregate Materials in the Western San Diego Production-Consumption Region, 1997) as an area of undetermined mineral resources MRZ-3, staff geologist Laura Maghsoudlou has reviewed the site's geologic environment and has determined that the site is not located within an alluvial river valley or underlain by coastal marine/non-marine granular deposits. Therefore, no potentially significant loss of availability of a known mineral resource of value to the region and the residents of the state will occur as a result of this project. Moreover, if the resources are not considered significant mineral deposits, loss of these resources cannot contribute to a potentially significant cumulative impact.

- b) Result in the loss of availability of a locally-important mineral resource recovery site delineated on a local general plan, specific plan or other land use plan?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

Discussion/Explanation:

**No Impact:** The project site is zoned RR1 (Rural Residential), which is not considered to be an Extractive Use Zone (S82) nor does it have an Impact Sensitive Land Use Designation (24) with an Extractive Land Use Overlay (25) (County Land Use Element, 2000).

**XI. NOISE** -- Would the project result in:

- a) Exposure of persons to or generation of noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** The project is a religious assembly and will be occupied by individuals. Based on a site visit completed by Shannon Doyle on February 8, 2002 and as described in the Noise Analysis prepared by Eilar Associates and dated October 7, 2003, the surrounding area supports single-family residents and is occupied by people. The project will not expose people to potentially significant noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable standards for the following reasons:

**General Plan – Noise Element**

The County of San Diego General Plan, Noise Element, Policy 4b addresses noise sensitive areas and requires an acoustical study to be prepared for any use that may expose noise sensitive area to noise in excess of a Community Noise Equivalent Level (CNEL) of 60 decibels (dBA). Moreover, if the project is excess of CNEL 60 dB(A), modifications must be made to project to reduce noise levels. Noise sensitive areas include residences, hospitals, schools, libraries or similar facilities where quiet is an important attribute. Based on a Noise Analysis prepared by Eilar Associates and dated October 7, 2003, project implementation will not expose existing or planned noise sensitive areas to road, airport, heliport, railroad, industrial or other noise in excess of the CNEL 60 dB(A). Therefore, the project will not expose people to potentially

significant noise levels that exceed the allowable limits of the County of San Diego General Plan, Noise Element.

**Noise Ordinance – Section 36-404**

Based on a Noise Analysis prepared by Eilar Associates and dated October 7, 2003, non-transportation noise generated by the project is not expected to exceed the standards of the County of San Diego Noise Ordinance (Section 36-404) at or beyond the project's property line. The site is zoned RR1 that has a one-hour average sound limit of 50 dB from 7:00 am to 10:00 pm and 45 dB from 10:00 pm to 7:00 am. The adjacent properties are also zoned RR1 and have one-hour average sound limit of 50 dB from 7:00 am to 10:00 pm and 45 dB from 10:00 pm to 7:00 am. The Noise Analysis states the project's noise levels at the adjoining properties will be 44.8 dB and will not exceed County Noise Standards.

**Noise Ordinance – Section 36-410**

Based on a Noise Analysis prepared by Eilar Associates and dated October 7, 2003, the project will not generate construction noise that may exceed the standards of the County of San Diego Noise Ordinance (Section 36-410). Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, it is not anticipated that the project will operate construction equipment in excess of 75 dB for more than an 8 hours during a 24-hour period.

Finally, the project's conformance to the County of San Diego General Plan (Noise Element, Policy 4b) and County of San Diego Noise Ordinance (Section 36-404 and 36.410) ensures the project will not create cumulatively considerable noise impacts, because the project will not exceed the local noise standards for noise sensitive areas; and the project will not exceed the applicable noise level limits at the property line or construction noise limits, derived from State regulation to address human health and quality of life concerns. Therefore, the project will not contribute to a cumulatively considerable exposure of persons or generation of noise levels in excess of standards established in the local general plan, noise ordinance, and applicable standards of other agencies.

b) Exposure of persons to or generation of excessive groundborne vibration or groundborne noise levels?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Less than Significant Impact with Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The project proposes a religious assembly where low ambient vibration and quiet during daytime use is important. However, the facilities are setback 120 feet from any public road or transit right-of-way with projected noise contours of 65 dB or more; any property line for parcels zoned industrial or extractive use; or any permitted extractive uses. A setback of 120 feet ensures that the operations

do not have any chance of being impacted by groundborne vibration or groundborne noise levels (Harris, Miller Miller and Hanson Inc., *Transit Noise and Vibration Impact Assessment* 1995). In addition, the setback ensures that the project will not be affected by any past, present or future projects that may support sources of groundborne vibration or groundborne noise.

Also, the project does not propose any major, new or expanded infrastructure such as mass transit, highways or major roadways or intensive extractive industry that could generate excessive groundborne vibration or groundborne noise levels and impact vibration sensitive uses in the surrounding area.

Therefore, the project will not expose persons to or generate excessive groundborne vibration or groundborne noise on a project or cumulative level.

c) A substantial permanent increase in ambient noise levels in the project vicinity above levels existing without the project?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The project involves the following permanent noise sources that may increase the ambient noise level: equipment, and vehicles. As indicated in the response listed under Section XI Noise, Question a., the project would not expose existing or planned noise sensitive areas in the vicinity to a substantial permanent increase in noise levels that exceed the allowable limits of the County of San Diego General Plan, County of San Diego Noise Ordinance, and other applicable local, State, and Federal noise control. Also, the project is not expected to expose existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels based on a Noise Analysis prepared by Eilar Associates dated October 7, 2003. The project will increase the ambient noise level by 3 dB CNEL. Studies completed by the Organization of Industry Standards (ISO 362; ISO 1996 1-3; ISO 3095; and ISO 3740-3747) state an increase of 10 dB is perceived as twice as loud and is perceived as a significant increase in the ambient noise level.

The project will not result in cumulatively noise impacts because a list of past, present and future projects within in the vicinity were evaluated. It was determined that the project in combination with a list of past, present and future project would not expose existing or planned noise sensitive areas to noise 10 dB CNEL over existing ambient noise levels. Refer to XVII. Mandatory Findings of Significance for a comprehensive list of the projects considered.

d) A substantial temporary or periodic increase in ambient noise levels in the project vicinity above levels existing without the project?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The project does not involve any uses that may create substantial temporary or periodic increases in ambient noise levels in the project vicinity including but not limited to extractive industry; outdoor commercial or industrial uses that involve crushing, cutting, drilling, grinding, or blasting of raw materials; truck depots, transfer stations or delivery areas; or outdoor sound systems.

Also, general construction noise is not expected to exceed the construction noise limits of the County of San Diego Noise Ordinance (Section 36-410), which are derived from State regulations to address human health and quality of life concerns. Construction operations will occur only during permitted hours of operation pursuant to Section 36-410. Also, it is not anticipated that the project will operate construction equipment in excess of 75 dB for more than an 8 hours during a 24-hour period. Therefore, the project would not result in a substantial temporary or periodic increase in existing ambient noise levels in the project vicinity.

- e) For a project located within an airport land use plan or, where such a plan has not been adopted, within two miles of a public airport or public use airport, would the project expose people residing or working in the project area to excessive noise levels?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project is not located within a Comprehensive Land Use Plan (CLUP) for airports or within two miles of a public airport or public use airport. Therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

- f) For a project within the vicinity of a private airstrip, would the project expose people residing or working in the project area to excessive noise levels?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project is not located within a one-mile vicinity of a private airstrip; therefore, the project will not expose people residing or working in the project area to excessive airport-related noise levels.

**XII. POPULATION AND HOUSING** -- Would the project:

- a) Induce substantial population growth in an area, either directly (for example, by proposing new homes and businesses) or indirectly (for example, through extension of roads or other infrastructure)?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project will not induce substantial population growth in an area because the project does not propose any physical or regulatory change that would remove a restriction to or encourage population growth in an area including, but limited to the following: new or extended infrastructure or public facilities; new commercial or industrial facilities; large-scale residential development; accelerated conversion of homes to commercial or multi-family use; or regulatory changes including General Plan amendments, specific plan amendments, zone reclassifications, sewer or water annexations; or LAFCO annexation actions.

- b) Displace substantial numbers of existing housing, necessitating the construction of replacement housing elsewhere?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project will not displace any existing housing since the site is currently vacant.

- c) Displace substantial numbers of people, necessitating the construction of replacement housing elsewhere?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |



## Discussion/Explanation:

**No Impact:** The proposed project will not displace a substantial number of people since the site is currently vacant.

**XIII. PUBLIC SERVICES**

- a) Would the project result in substantial adverse physical impacts associated with the provision of new or physically altered governmental facilities, need for new or physically altered governmental facilities, the construction of which could cause significant environmental impacts, in order to maintain acceptable service ratios, response times or other performance service ratios, response times or other performance objectives for any of the public services:

- i. Fire protection?
- ii. Police protection?
- iii. Schools?
- iv. Parks?
- v. Other public facilities?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

## Discussion/Explanation:

**Less Than Significant Impact:** Based on the service availability forms received for the project, the proposed project will result in the need for significantly altered services or facilities. Service availability forms have been provided which indicate services are available to the project from the following agencies/districts: the Vallecitos Water District (sewer), the Vista Irrigation District, and the City of San Marcos Fire Department. Pursuant to the sewer, water, and fire service availability form, no new facilities are required. The church property will be required to annex to the City of San Marcos Fire Protection District. The response time from the nearest existing fire station (2 to 2.5 miles away) will be 3 to 5 minutes.

**XIV. RECREATION**

- a) Would the project increase the use of existing neighborhood and regional parks or other recreational facilities such that substantial physical deterioration of the facility would occur or be accelerated?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☒ No Impact

## Discussion/Explanation:

**No Impact:** The project does not propose any residential use, included but not limited to a residential subdivision, mobilehome park, or construction for a single-family residence that may increase the use of existing neighborhood and regional parks or other recreational facilities in the vicinity.

- b) Does the project include recreational facilities or require the construction or expansion of recreational facilities, which might have an adverse physical effect on the environment?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The project does not include recreational facilities or require the construction or expansion of recreational facilities. Therefore, the construction or expansion of recreational facilities cannot have an adverse physical effect on the environment.

**XV. TRANSPORTATION/TRAFFIC** -- Would the project:

- a) Cause an increase in traffic which is substantial in relation to the existing traffic load and capacity of the street system (i.e., result in a substantial increase in either the number of vehicle trips, the volume to capacity ratio on roads, or congestion at intersections)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** A Traffic Impact Study, dated October 2003, prepared by Daniel Benson and Associates on file with the Department of Planning and Land Use under Environmental Review Number ER 02-08-001, was completed for the proposed project. The Traffic Impact Study concluded that the proposed project will result in an additional 45 ADT. The addition of 45 ADT will not result in a substantial increase in the number of vehicle trips, volume of capacity ratio on roads, or congestion at intersections in relation to existing conditions for the following reasons: The proposed project would not result in a degradation of the L.O.S. of affected roadways. Deodar Road and Calavo Drive are non-circulation element, public roads with a current L.O.S. A (335 ADT) for Deodar Road and current L.O.S. A (115 ADT) for Calavo Drive {threshold of 4,500 ADT for non-circulation element Residential Collector Road}. The traffic volume from the project (45 ADT) would not result in any impacts, degradation, or threshold increase on

Deodar Road or Calavo Drive. In addition, the project will not contribute to a cumulatively considerable impact because investigation and consultation with DPLU indicated that there are no other significant projects in the vicinity that could affect traffic near the proposed project. Therefore, the project will not have a significant project or cumulative level increase in traffic, which is considered substantial in relation to existing traffic load and capacity of the street system.

- b) Exceed, either individually or cumulatively, a level of service standard established by the County congestion management agency for designated roads or highways?

☐ Potentially Significant Impact

☒ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** A Traffic Impact Study, dated October 2003, prepared by Daniel Benson and Associates on file with the Department of Planning and Land Use under Environmental Review Number ER 02-08-001, was completed for the proposed project. The Traffic Impact Study concluded that the proposed project will result in an additional 45 ADT. The addition of 45 ADT will not result in a substantial increase in the number of vehicle trips, volume of capacity ratio on roads, or congestion at intersections in relation to existing conditions for the following reasons: The proposed project would not result in a degradation of the L.O.S. of affected roadways. Deodar Road and Calavo Drive are non-circulation element, public roads with a current L.O.S. A (335 ADT) for Deodar Road and current L.O.S. A (115 ADT) for Calavo Drive {threshold of 4,500 ADT for non-circulation element Residential Collector Road}. The traffic volume from the project (45 ADT) would not result in any impacts, degradation, or threshold increase on Deodar Road or Calavo Drive. In addition, the project will not contribute to a cumulatively considerable impact because investigation and consultation with DPLU indicated that there are no other significant projects in the vicinity that could affect traffic near the proposed project. Therefore, the project will not have a significant project or cumulative level increase in traffic, which is considered substantial in relation to existing traffic load and capacity of the street system.

- c) Result in a change in air traffic patterns, including either an increase in traffic levels or a change in location that results in substantial safety risks?

☐ Potentially Significant Impact

☐ Less than Significant Impact

☐ Potentially Significant Unless Mitigation Incorporated

☒ No Impact

## Discussion/Explanation:

**No Impact:** The proposed project is located outside of an Airport Master Plan Zone and is not adjacent to any public or private airports; therefore, the project will not result in a change in air traffic patterns.

- d) Substantially increase hazards due to a design feature (e.g., sharp curves or dangerous intersections) or incompatible uses (e.g., farm equipment)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The proposed project will not significantly alter traffic safety on Deodar Road or Calavo Drive. Certification of safe and adequate sight distance is required at all driveways and intersections to the satisfaction of the Director of the Department of Public Works. All road improvements will be constructed according to the County of San Diego Public and Private Road Standards. The proposed project will not place incompatible uses (e.g., farm equipment) on existing roadways. Therefore, the proposed project will not significantly increase hazards due to design features or incompatible uses.

- e) Result in inadequate emergency access?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project will not result in inadequate emergency access. The San Marcos Fire Department has reviewed the proposed project and has determined that there is adequate emergency fire access. Additionally, roads used to access the proposed project site are up to County standards.

- f) Result in inadequate parking capacity?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The Zoning Ordinance Section 6766 Parking Schedule requires provision for on-site parking spaces based upon the maximum number of persons permitted to occupy the premise. The project description provides an analysis for the total parking requirement for the proposed project. Section 6766 of the Zoning Ordinance requires one space for every 4 persons based on the total occupancy of the largest assembly room. The total occupancy of the sanctuary is 288. Therefore, 72 are required. Seventy-two (72) spaces are proposed; this is consistent with the requirements of the Parking Schedule. Therefore, the proposed project is providing sufficient on-site parking capacity when considering the type of use and number of employees.

- g) Conflict with adopted policies, plans, or programs supporting alternative transportation (e.g., bus turnouts, bicycle racks)?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The project does not propose any hazards or barriers for pedestrians or bicyclists. Any required improvements will be constructed to maintain existing conditions as it relates to pedestrians and bicyclists.

**XVI. UTILITIES AND SERVICE SYSTEMS** -- Would the project:

- a) Exceed wastewater treatment requirements of the applicable Regional Water Quality Control Board?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** The project proposes to discharge domestic waste to on-site wastewater systems (OSWS), also known as septic systems. The project involves a standard septic tank with a 2,500-gallon capacity. Discharged wastewater must conform to the Regional Water Quality Control Board's (RWQCB) applicable standards, including the Regional Basin Plan and the California Water Code. California Water Code Section 13282 allows RWQCBs to authorize a local public agency to issue permits for OSWS "to ensure that systems are adequately designed, located, sized, spaced, constructed and maintained." The RWQCBs with jurisdiction over San Diego County have authorized the County of San Diego, Department of Environmental Health (DEH) to issue certain OSWS permits throughout the County and within the

incorporated cities. DEH has reviewed the OSWS lay-out for the project pursuant to DEH, Land and Water Quality Division's, "On-site Wastewater Systems: Permitting Process and Design Criteria." DEH approved the project's OSWS on December 3, 2004. Therefore, the project is consistent with the wastewater treatment requirements of the RWQCB as determined by the authorized, local public agency.

- b) Require or result in the construction of new water or wastewater treatment facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

☐ Less than Significant Impact  
☒ No Impact

Discussion/Explanation:

**No Impact:** The project does not include new or expanded water or wastewater treatment facilities. In addition, the project does not require the construction or expansion of water or wastewater treatment facilities. Therefore, the project will not require any construction of new or expanded facilities, which could cause significant environmental effects.

- c) Require or result in the construction of new storm water drainage facilities or expansion of existing facilities, the construction of which could cause significant environmental effects?

☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

☒ Less than Significant Impact  
☐ No Impact

Discussion/Explanation:

**Less Than Significant Impact:** The project involves new storm water drainage facilities. The new facilities include bio-filtration swales, bio-filtration strips also known as vegetated buffer strips. Refer to the Storm water Management Plan dated October 7, 2003 for more information. However, as outlined in this Environmental Analysis Form Section I-XVII, the new facilities will not result in adverse physical effect on the environment. Specifically, refer to Sections VI and VIII for more information.

- d) Have sufficient water supplies available to serve the project from existing entitlements and resources, or are new or expanded entitlements needed?

☐ Potentially Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated

☒ Less than Significant Impact  
☐ No Impact

## Discussion/Explanation:

**Less Than Significant Impact:** The project requires water service from the Vista Irrigation District. A Service Availability Letter from the Vista Irrigation District has been provided, indicating adequate water resources and entitlements are available to serve the requested water resources. Therefore, the project will have sufficient water supplies available to serve the project.

- e) Result in a determination by the wastewater treatment provider, which serves or may serve the project that it has adequate capacity to serve the project's projected demand in addition to the provider's existing commitments?

- |   |   |
|---|---|
| <input type="checkbox"/> Potentially Significant Impact                         | <input type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input checked="" type="checkbox"/> No Impact         |

## Discussion/Explanation:

**No Impact:** The proposed project will rely completely on an on-site wastewater system (septic system); therefore, the project will not interfere with any wastewater treatment provider's service capacity.

- f) Be served by a landfill with sufficient permitted capacity to accommodate the project's solid waste disposal needs?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

## Discussion/Explanation:

**Less Than Significant Impact:** Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). There are five, permitted active landfills in San Diego County with remaining capacity. Therefore, there is sufficient existing permitted solid waste capacity to accommodate the project's solid waste disposal needs.

- g) Comply with federal, state, and local statutes and regulations related to solid waste?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less than Significant Impact:** Implementation of the project will generate solid waste. All solid waste facilities, including landfills require solid waste facility permits to operate. In San Diego County, the County Department of Environmental Health, Local Enforcement Agency issues solid waste facility permits with concurrence from the California Integrated Waste Management Board (CIWMB) under the authority of the Public Resources Code (Sections 44001-44018) and California Code of Regulations Title 27, Division 2, Subdivision 1, Chapter 4 (Section 21440et seq.). The project will deposit all solid waste at a permitted solid waste facility and therefore, will comply with Federal, State, and local statutes and regulations related to solid waste.

**XVII. MANDATORY FINDINGS OF SIGNIFICANCE:**

- a) Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?

- |   |  |
|---|--|
| <input type="checkbox"/> Potentially Significant Impact                         | <input checked="" type="checkbox"/> Less than Significant Impact |
| <input type="checkbox"/> Potentially Significant Unless Mitigation Incorporated | <input type="checkbox"/> No Impact                               |

Discussion/Explanation:

**Less Than Significant Impact:** Per the instructions for evaluating environmental impacts in this Initial Study, the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory were considered in the response to each question in sections IV and V of this form. In addition to project specific impacts, this evaluation considered the projects potential for significant cumulative effects. There is no substantial evidence that there are biological or cultural resources that are affected or associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.



- b) Does the project have impacts that are individually limited, but cumulatively considerable? ("Cumulatively considerable" means that the incremental effects of a project are considerable when viewed in connection with the effects of past projects, the effects of other current projects, and the effects of probable future projects)?

- ☐ Potentially Significant Impact
 ☒ Less than Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated
 ☐ No Impact

Discussion/Explanation:

The following list of past, present and future projects were considered and evaluated as a part of this Initial Study:

PROJECT NAME	PERMIT/MAP NUMBER
Schmitt Minor Residential Subdivision	TPM 20733
Lupa Minor Residential Subdivision	TPM 20805
Groenenberg Minor Residential Subdivision	TPM 20761
Steve & Dawn Vegte Subdivision	TM 5269

**Less Than Significant Impact:** Per the instructions for evaluating environmental impacts in this Initial Study, the potential for adverse cumulative effects were considered in the response to each question in sections I through XVI of this form. In addition to project specific impacts, this evaluation considered the projects potential for incremental effects that are cumulatively considerable. As a result of this evaluation, there is no substantial evidence that there are cumulative effects associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

- c) Does the project have environmental effects, which will cause substantial adverse effects on human beings, either directly or indirectly?

- ☐ Potentially Significant Impact
 ☒ Less than Significant Impact  
☐ Potentially Significant Unless Mitigation Incorporated
 ☐ No Impact

**Less Than Significant Impact:** In the evaluation of environmental impacts in this Initial Study, the potential for adverse direct or indirect impacts to human beings were considered in the response to certain questions in Sections I. Aesthetics, III. Air Quality, VI. Geology and Soils, VII. Hazards and Hazardous Materials, VIII Hydrology and Water Quality XI. Noise, XII. Population and Housing, and XV. Transportation and Traffic. As a result of this evaluation, there is no substantial evidence that there are adverse effects on human beings associated with this project. Therefore, this project has been determined not to meet this Mandatory Finding of Significance.

## VIII. REFERENCES USED IN THE COMPLETION OF THE INITIAL STUDY CHECKLIST

All references to Federal, State and local regulation are available on the Internet. For Federal regulation refer to <http://www4.law.cornell.edu/uscode/>. For State regulation refer to [www.leginfo.ca.gov](http://www.leginfo.ca.gov). For County regulation refer to [www.amlegal.com](http://www.amlegal.com). All other references are available upon request.

Stormwater Management Plan Revised, prepared by Steve Norris of Engineering Design Group, May 2004

Hydrology & Hydraulic Study Cristiano Church, prepared by Engineering Design Group March 26, 2004

Escondido/San Marcos Centro Cristiano Traffic Impact Study, MUP 02-002, Log No. 02-08-001, prepared by Daniel Benson & Associates, October 2003

Centro Cristiano – Casa de Oracion Calavo Drive & Deodar Road Site Escondido Area, San Diego County, California Major Use Permit 02-002, Botanical Assessment, prepared by R. Mitchel Beauchamp of Pacific Southwest Biological Services, Inc., Revised 2/21/03

SD Co Church Focused Traffic Rept MUP02-002-WN6614 Centro Cristiano, Calavo & Deodar Log No. 02-08-001, prepared by Daniel Benson & Associates, October 7, 2003

Final Visual Analysis Report, Centro Cristian: Casa de Oracion Calavo Drive and Deodar Drive San Marcos, CA, prepared by Eilar Associates, Final June, 2003

### AESTHETICS

California Street and Highways Code [California Street and Highways Code, Section 260-283. (<http://www.leginfo.ca.gov/>)

California Scenic Highway Program, California Streets and Highways Code, Section 260-283. (<http://www.dot.ca.gov/hq/LandArch/scenic/scpr.htm>)

County of San Diego, Department of Planning and Land Use. The Zoning Ordinance of San Diego County. Sections 5200-5299; 5700-5799; 5900-5910. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Board Policy I-73: Hillside Development Policy. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Board Policy I-104: Policy and Procedures for Preparation of Community Design Guidelines, Section 396.10 of the County Administrative Code and Section 5750 et seq. of the County Zoning Ordinance. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, General Plan, Scenic Highway Element VI and Scenic Highway Program. ([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego Light Pollution Code, Title 5, Division 9 (Sections 59.101-59.115 of the County Code of Regulatory Ordinances) as added by Ordinance No 6900, effective January 18, 1985, and amended July 17, 1986 by Ordinance No. 7155. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego Wireless Communications Ordinance [San Diego County Code of Regulatory Ordinances. ([www.amlegal.com](http://www.amlegal.com))

Design Review Guidelines for the Communities of San Diego County. (Alpine, Bonsall, Fallbrook, Julian, Lakeside, Ramona, Spring Valley, Sweetwater, Valley Center).

Federal Communications Commission, Telecommunications Act of 1996 [Telecommunications Act of 1996, Pub. LA. No. 104-104, 110 Stat. 56 (1996). (<http://www.fcc.gov/Reports/tcom1996.txt>)

Institution of Lighting Engineers, Guidance Notes for the Reduction of Light Pollution, Warwickshire, UK, 2000 (<http://www.dark-skies.org/ile-gd-e.htm>)

International Light Inc., Light Measurement Handbook, 1997. ([www.intl-light.com](http://www.intl-light.com))

Rensselaer Polytechnic Institute, Lighting Research Center, National Lighting Product Information Program (NLPPI), Lighting Answers, Volume 7, Issue 2, March 2003. ([www.lrc.rpi.edu](http://www.lrc.rpi.edu))

US Census Bureau, Census 2000, Urbanized Area Outline Map, San Diego, CA. (<http://www.census.gov/geo/www/maps/ua2kmaps.htm>)

US Department of the Interior, Bureau of Land Management (BLM) modified Visual Management System. ([www.blm.gov](http://www.blm.gov))

US Department of Transportation, Federal Highway Administration (FHWA) Visual Impact Assessment for Highway Projects.

US Department of Transportation, National Highway System Act of 1995 [Title III, Section 304. Design Criteria for the National Highway System. (<http://www.fhwa.dot.gov/legregs/nhsdatoc.html>)

### AGRICULTURE RESOURCES

California Department of Conservation, Farmland Mapping and Monitoring Program, "A Guide to the Farmland Mapping and Monitoring Program," November 1994. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Office of Land Conversion, "California Agricultural Land Evaluation and Site Assessment Model Instruction Manual," 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Farmland Conservancy Program, 1996. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Land Conservation (Williamson) Act, 1965. ([www.ceres.ca.gov](http://www.ceres.ca.gov), [www.consrv.ca.gov](http://www.consrv.ca.gov))

California Right to Farm Act, as amended 1996. ([www.qp.gov.bc.ca](http://www.qp.gov.bc.ca))

County of San Diego Agricultural Enterprises and Consumer Information Ordinance, 1994, Title 6, Division 3, Ch. 4. Sections 63.401-63.408. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Department of Agriculture, Weights and Measures, "2002 Crop Statistics and Annual Report," 2002. ([www.sdcounty.ca.gov](http://www.sdcounty.ca.gov))

United States Department of Agriculture, Natural Resource Conservation Service LESA System. ([www.nrcs.usda.gov](http://www.nrcs.usda.gov), [www.swcs.org](http://www.swcs.org)).

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. ([soils.usda.gov](http://soils.usda.gov))

## AIR QUALITY

CEQA Air Quality Analysis Guidance Handbook, South Coast Air Quality Management District, Revised November 1993. ([www.aqmd.gov](http://www.aqmd.gov))

County of San Diego Air Pollution Control District's Rules and Regulations, updated August 2003. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Federal Clean Air Act US Code; Title 42; Chapter 85 Subchapter 1. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

## BIOLOGY

California Department of Fish and Game (CDFG). Southern California Coastal Sage Scrub Natural Community Conservation Planning Process Guidelines. CDFG and California Resources Agency, Sacramento, California. 1993. ([www.dfg.ca.gov](http://www.dfg.ca.gov))

County of San Diego, An Ordinance Amending the San Diego County Code to Establish a Process for Issuance of the Coastal Sage Scrub Habitat Loss Permits and Declaring the Urgency Thereof to Take Effect Immediately, Ordinance No. 8365. 1994, Title 8, Div 6, Ch. 1. Sections 86.101-86.105, 87.202.2. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Biological Mitigation Ordinance, Ord. Nos. 8845, 9246, 1998 (new series). ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, Implementing Agreement by and between United States Fish and Wildlife Service, California Department of Fish and Game and County of San Diego. County of San Diego, Multiple Species Conservation Program, 1998.

County of San Diego, Multiple Species Conservation Program, County of San Diego Subarea Plan, 1997.

Holland, R.R. Preliminary Descriptions of the Terrestrial Natural Communities of California. State of California, Resources Agency, Department of Fish and Game, Sacramento, California, 1986.

Memorandum of Understanding [Agreement Between United States Fish and Wildlife Service (USFWS), California Department of Fish and Game (CDFG), California Department of Forestry and Fire Protection (CDF), San Diego County Fire Chief's Association and the Fire District's Association of San Diego County.

Stanislaus Audubon Society, Inc. v County of Stanislaus (5<sup>th</sup> Dist. 1995) 33 Cal.App.4<sup>th</sup> 144, 155-159 [39 Cal. Rptr.2d 54]. ([www.ceres.ca.gov](http://www.ceres.ca.gov))

U.S. Army Corps of Engineers Environmental Laboratory. Corps of Engineers Wetlands Delineation Manual. U.S. Army Corps of Engineers, Wetlands Research Program Technical Report Y-87-1. 1987. (<http://www.wes.army.mil/>)

U.S. Environmental Protection Agency. America's wetlands: our vital link between land and water. Office of Water,

Office of Wetlands, Oceans and Watersheds. EPA843-K-95-001. 1995b. ([www.epa.gov](http://www.epa.gov))

U.S. Fish and Wildlife Service and National Marine Fisheries Service. Habitat Conservation Planning Handbook. Department of Interior, Washington, D.C. 1996. ([endangered.fws.gov](http://endangered.fws.gov))

U.S. Fish and Wildlife Service and National Marine Fisheries Service. Consultation Handbook: Procedures for Conducting Consultation and Conference Activities Under Section 7 of the Endangered Species Act. Department of Interior, Washington, D.C. 1998. ([endangered.fws.gov](http://endangered.fws.gov))

U.S. Fish and Wildlife Service. Environmental Assessment and Land Protection Plan for the Vernal Pools Stewardship Project. Portland, Oregon. 1997.

U.S. Fish and Wildlife Service. Vernal Pools of Southern California Recovery Plan. U.S. Department of Interior, Fish and Wildlife Service, Region One, Portland, Oregon, 1998. ([ecos.fws.gov](http://ecos.fws.gov))

U.S. Fish and Wildlife Service. Birds of conservation concern 2002. Division of Migratory. 2002. ([migratorybirds.fws.gov](http://migratorybirds.fws.gov))

## CULTURAL RESOURCES

California Health & Safety Code. §18950-18961, State Historic Building Code. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §5020-5029, Historical Resources. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §7050.5, Human Remains. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Native American Graves Protection and Repatriation Act, (AB 978), 2001. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code §5024.1, Register of Historical Resources. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5031-5033, State Landmarks. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5097-5097.6, Archaeological, Paleontological, and Historic Sites. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Resources Code. §5097.9-5097.991, Native American Heritage. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

City of San Diego. Paleontological Guidelines. (revised) August 1998.

County of San Diego, Local Register of Historical Resources (Ordinance 9493), 2002. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Demere, Thomas A., and Stephen L. Walsh. Paleontological Resources San Diego County. Department of Paleontology, San Diego Natural History Museum. 1994.

Moore, Ellen J. Fossil Mollusks of San Diego County. San Diego Society of Natural history. Occasional; Paper 15. 1968.

U.S. Code including: American Antiquities Act (16 USC §431-433) 1906. Historic Sites, Buildings, and Antiquities Act (16 USC §461-467), 1935. Reservoir Salvage Act (16 USC §469-469c) 1960. Department of Transportation Act (49 USC §303) 1966. National Historic Preservation Act (16 USC §470 et seq.) 1966. National Environmental Policy Act (42 USC §4321) 1969. Coastal Zone Management Act (16 USC §1451) 1972. National Marine Sanctuaries Act (16 USC §1431) 1972. Archaeological and Historical Preservation Act (16 USC §469-469c) 1974. Federal Land Policy and Management Act (43 USC

§35) 1976. American Indian Religious Freedom Act (42 USC §1996 and 1996a) 1978. Archaeological Resources Protection Act (16 USC §470aa-mm) 1979. Native American Graves Protection and Repatriation Act (25 USC §3001-3013) 1990. Intermodal Surface Transportation Efficiency Act (23 USC §101, 109) 1991. American Battlefield Protection Act (16 USC 469k) 1996. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

## GEOLOGY & SOILS

California Department of Conservation, Division of Mines and Geology, California Alquist-Priolo Earthquake Fault Zoning Act, Special Publication 42, Revised 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Division of Mines and Geology, Fault-Rupture Hazard Zones in California, Special Publication 42, revised 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Department of Conservation, Division of Mines and Geology, Special Publication 117, Guidelines for Evaluating and Mitigating Seismic Hazards in California, 1997. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

County of San Diego Code of Regulatory Ordinances Title 6, Division 8, Chapter 3, Septic Ranks and Seepage Pits. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego Department of Environmental Health, Land and Water Quality Division, February 2002. On-site Wastewater Systems (Septic Systems): Permitting Process and Design Criteria. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego Natural Resource Inventory, Section 3, Geology.

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973. ([soils.usda.gov](http://soils.usda.gov))

## HAZARDS & HAZARDOUS MATERIALS

American Planning Association, Zoning News, "Saving Homes from Wildfires: Regulating the Home Ignition Zone," May 2001.

California Building Code (CBC), Seismic Requirements, Chapter 16 Section 162. ([www.buildersbook.com](http://www.buildersbook.com))

California Education Code, Section 17215 and 81033. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Government Code. § 8585-8589, Emergency Services Act. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Hazardous Waste and Substances Site List. April 1998. ([www.dtsc.ca.gov](http://www.dtsc.ca.gov))

California Health & Safety Code Chapter 6.95 and §25117 and §25316. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code § 2000-2067. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Health & Safety Code. §17922.2. Hazardous Buildings. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Public Utilities Code, SDCRAA. Public Utilities Code, Division 17, Sections 170000-170084. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Resources Agency, "OES Dam Failure Inundation Mapping and Emergency Procedures Program", 1996. ([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego, Consolidated Fire Code Health and Safety Code §13869.7, including Ordinances of the 17 Fire Protection Districts as Ratified by the San Diego

County Board of Supervisors, First Edition, October 17, 2001 and Amendments to the Fire Code portion of the State Building Standards Code, 1998 Edition.

County of San Diego, Department of Environmental Health Community Health Division Vector Surveillance and Control. Annual Report for Calendar Year 2002. March 2003. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego, Department of Environmental Health, Hazardous Materials Division. California Accidental Release Prevention Program (CalARP) Guidelines. (<http://www.sdcountry.ca.gov>, [www.oes.ca.gov](http://www.oes.ca.gov))

County of San Diego, Department of Environmental Health, Hazardous Materials Division. Hazardous Materials Business Plan Guidelines. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

County of San Diego Code of Regulatory Ordinances, Title 3, Div 5, CH. 3, Section 35.39100.030, Wildland/Urban Interface Ordinance, Ord. No.9111, 2000. ([www.amlegal.com](http://www.amlegal.com))

Robert T. Stafford Disaster Relief and Emergency Assistance Act as amended October 30, 2000, US Code, Title 42, Chapter 68, 5121, et seq. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Unified San Diego County Emergency Services Organization Operational Area Emergency Plan, March 2000.

Unified San Diego County Emergency Services Organization Operational Area Energy Shortage Response Plan, June 1995.

Uniform Building Code. ([www.buildersbook.com](http://www.buildersbook.com))

Uniform Fire Code 1997 edition published by the Western Fire Chiefs Association and the International Conference of Building Officials, and the National Fire Protection Association Standards 13 & 13-D, 1996 Edition, and 13-R, 1996 Edition. ([www.buildersbook.com](http://www.buildersbook.com))

## HYDROLOGY & WATER QUALITY

American Planning Association, Planning Advisory Service Report Number 476 Non-point Source Pollution: A Handbook for Local Government

California Department of Water Resources, California Water Plan Update. Sacramento: Dept. of Water Resources State of California. 1998. ([rubicon.water.ca.gov](http://rubicon.water.ca.gov))

California Department of Water Resources, California's Groundwater Update 2003 Bulletin 118, April 2003. ([www.groundwater.water.ca.gov](http://www.groundwater.water.ca.gov))

California Department of Water Resources, Water Facts, No. 8, August 2000. ([www.dpla2.water.ca.gov](http://www.dpla2.water.ca.gov))

California Disaster Assistance Act. Government Code, § 8680-8692. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California State Water Resources Control Board, NPDES General Permit Nos. CAS000001 INDUSTRIAL ACTIVITIES (97-03-DWQ) and CAS000002 Construction Activities (No. 99-08-DWQ) ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

California Storm Water Quality Association, California Storm Water Best Management Practice Handbooks, 2003.

California Water Code, Sections 10754, 13282, and 60000 et seq. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

Colorado River Basin Regional Water Quality Control Board, Region 7, Water Quality Control Plan. ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

County of San Diego Regulatory Ordinance, Title 8, Division 7, Grading Ordinance. Grading, Clearing and Watercourses. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Groundwater Ordinance. #7994. ([www.sdcounty.ca.gov](http://www.sdcounty.ca.gov), <http://www.amlegal.com>.)

County of San Diego, Project Clean Water Strategic Plan, 2002. ([www.projectcleanwater.org](http://www.projectcleanwater.org))

County of San Diego, Watershed Protection, Storm Water Management, and Discharge Control Ordinance, Ordinance Nos. 9424 and 9426. Chapter 8, Division 7, Title 6 of the San Diego County Code of Regulatory Ordinances and amendments. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego. Board of Supervisors Policy I-68. Diego Proposed Projects in Flood Plains with Defined Floodways. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

Federal Water Pollution Control Act (Clean Water Act), 1972, Title 33, Ch.26, Sub-Ch.1. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Freeze, Allan and Cherry, John A., Groundwater, Prentice-Hall, Inc. New Jersey, 1979.

Heath, Ralph C., Basic Ground-Water Hydrology, United States Geological Survey Water-Supply Paper; 2220, 1991.

National Flood Insurance Act of 1968. ([www.fema.gov](http://www.fema.gov))

National Flood Insurance Reform Act of 1994. ([www.fema.gov](http://www.fema.gov))

Porter-Cologne Water Quality Control Act, California Water Code Division 7. Water Quality. ([ceres.ca.gov](http://ceres.ca.gov))

San Diego Association of Governments, Water Quality Element, Regional Growth Management Strategy, 1997. ([www.sandag.org](http://www.sandag.org))

San Diego Regional Water Quality Control Board, NPDES Permit No. CAS0108758. ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

San Diego Regional Water Quality Control Board, Water Quality Control Plan for the San Diego Basin. ([www.swrcb.ca.gov](http://www.swrcb.ca.gov))

#### LAND USE & PLANNING

California Department of Conservation Division of Mines and Geology, Open File Report 96-04, Update of Mineral Land Classification: Aggregate Materials in the Western San Diego County Production Consumption Region, 1996. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

California Environmental Quality Act, CEQA Guidelines, 2003. ([ceres.ca.gov](http://ceres.ca.gov))

California Environmental Quality Act, Public Resources Code 21000-21178; California Code of Regulations, Guidelines for Implementation of CEQA, Appendix G, Title 14, Chapter 3, §15000-15387. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California General Plan Glossary of Terms, 2001. ([ceres.ca.gov](http://ceres.ca.gov))

California State Mining and Geology Board, SP 51, California Surface Mining and Reclamation Policies and Procedures, January 2000. ([www.consrv.ca.gov](http://www.consrv.ca.gov))

County of San Diego Code of Regulatory Ordinances, Title 8, Zoning and Land Use Regulations. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego, Board of Supervisors Policy I-84: Project Facility. ([www.sdcounty.ca.gov](http://www.sdcounty.ca.gov))

County of San Diego, Board Policy I-38, as amended 1989. ([www.sdcounty.ca.gov](http://www.sdcounty.ca.gov))

County of San Diego, Department of Planning and Land Use. The Zoning Ordinance of San Diego County. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

County of San Diego, General Plan as adopted and amended from September 29, 1971 to April 5, 2000. ([ceres.ca.gov](http://ceres.ca.gov))

County of San Diego. Resource Protection Ordinance, compilation of Ord.Nos. 7968, 7739, 7685 and 7631. 1991.

Design Review Guidelines for the Communities of San Diego County.

Guide to the California Environmental Quality Act (CEQA) by Michael H. Remy, Tina A. Thomas, James G. Moore, and Whitman F. Manley, Point Arena, CA: Solano Press Books, 1999. ([ceres.ca.gov](http://ceres.ca.gov))

#### MINERAL RESOURCES

National Environmental Policy Act, Title 42, 36.401 et. seq. 1969. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

Subdivision Map Act, 2003. ([ceres.ca.gov](http://ceres.ca.gov))

U.S. Geologic Survey, Causey, J. Douglas, 1998, MAS/MILS Mineral Location Database.

U.S. Geologic Survey, Frank, David G., 1999, (MRDS) Mineral Resource Data System.

#### NOISE

California State Building Code, Part 2, Title 24, CCR, Appendix Chapter 3, Sound Transmission Control, 1988. . ([www.buildersbook.com](http://www.buildersbook.com))

County of San Diego Code of Regulatory Ordinances, Title 3, Div 6, Chapter 4, Noise Abatement and Control, effective February 4, 1982. ([www.amlegal.com](http://www.amlegal.com))

County of San Diego General Plan, Part VIII, Noise Element, effective December 17, 1980. ([ceres.ca.gov](http://ceres.ca.gov))

Federal Aviation Administration, Federal Aviation Regulations, Part 150 Airport Noise Compatibility Planning (revised January 18, 1985). (<http://www.access.gpo.gov/>)

Harris Miller Miller and Hanson Inc., *Transit Noise and Vibration Impact Assessment*, April 1995. (<http://ntl.bts.gov/data/rail05/rail05.html>)

International Standard Organization (ISO), ISO 362; ISO 1996 1-3; ISO 3095; and ISO 3740-3747. ([www.iso.ch](http://www.iso.ch))

U.S. Department of Transportation, Federal Highway Administration, Office of Environment and Planning, Noise and Air Quality Branch. "Highway Traffic Noise Analysis and Abatement Policy and Guidance," Washington, D.C., June 1995. (<http://www.fhwa.dot.gov/>)

#### POPULATION & HOUSING

Housing and Community Development Act of 1974, 42 USC 5309, Title 42--The Public Health And Welfare, Chapter 69--Community Development, United States Congress, August 22, 1974. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

National Housing Act (Cranston-Gonzales), Title 12, Ch. 13. ([www4.law.cornell.edu](http://www4.law.cornell.edu))

San Diego Association of Governments Population and Housing Estimates, November 2000. ([www.sandag.org](http://www.sandag.org))

US Census Bureau, Census 2000. (<http://www.census.gov/>)



**RECREATION**

County of San Diego Code of Regulatory Ordinances, Title 8, Division 10, Chapter PLDO, §810.101 et seq. Park Lands Dedication Ordinance. ([www.amlegal.com](http://www.amlegal.com))

**TRANSPORTATION/TRAFFIC**

California Aeronautics Act, Public Utilities Code, Section 21001 et seq. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Department of Transportation, Division of Aeronautics, California Airport Land Use Planning Handbook, January 2002.

California Department of Transportation, Environmental Program Environmental Engineering – Noise, Air Quality, and Hazardous Waste Management Office. "Traffic Noise Analysis Protocol for New Highway Construction and Reconstruction Projects," October 1998. ([www.dot.ca.gov](http://www.dot.ca.gov))

California Public Utilities Code, SDCRAA. Public Utilities Code, Division 17, Sections 170000-170084. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

California Street and Highways Code. California Street and Highways Code, Section 260-283. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

Office of Planning, Federal Transit Administration, Transit Noise and Vibration Impact Assessment, Final Report, April 1995.

San Diego Association of Governments, 2020 Regional Transportation Plan. Prepared by the San Diego Association of Governments. ([www.sandag.org](http://www.sandag.org))

San Diego Association of Governments, Comprehensive Land Use Plan for Borrego Valley Airport (1986), Brown Field (1995), Fallbrook Community Airpark (1991), Gillespie Field (1989), McClellan-Palomar Airport (1994). ([www.sandag.org](http://www.sandag.org))

US Code of Federal Regulations, Federal Aviation Regulations (FAR), Objects Affecting Navigable Airspace, Title 14, Chapter 1, Part 77. ([www.gpoaccess.gov](http://www.gpoaccess.gov))

**UTILITIES & SERVICE SYSTEMS**

California Code of Regulations (CCR), Title 14. Natural Resources Division, CIWMB Division 7; and Title 27, Environmental Protection Division 2, Solid Waste. ([ccr.oal.ca.gov](http://ccr.oal.ca.gov))

California Integrated Waste Management Act. Public Resources Code, Division 30, Waste Management, Sections 40000-41956. ([www.leginfo.ca.gov](http://www.leginfo.ca.gov))

County of San Diego, Board of Supervisors Policy I-78: Small Wastewater. ([www.sdcountry.ca.gov](http://www.sdcountry.ca.gov))

Unified San Diego County Emergency Services Organization Annex T Emergency Water Contingencies, October 1992. ([www.co.san-diego.ca.us](http://www.co.san-diego.ca.us))

United States Department of Agriculture, Natural Resource Conservation Service LESA System.

United States Department of Agriculture, Soil Survey for the San Diego Area, California. 1973.

US Census Bureau, Census 2000.

US Code of Federal Regulations, Federal Aviation

Regulations (FAR), Objects Affecting Navigable Airspace, Title 14, Chapter 1, Part 77.

US Department of the Interior, Bureau of Land Management (BLM) modified Visual Management System.

US Department of Transportation, Federal Highway Administration (FHWA) Visual Impact Assessment for Highway Projects.